

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
INVESTIGATIVE AND ENFORCEMENT SERVICES

REPORT OF INVESTIGATION

Case Number: OR130018-BR

Issue: Detection of wheat volunteers in a
(*Contact Information*) single field in Oregon that
contained the transgenic event
known as MON71800.

Investigator: (b)(6), (b)(7)(C)
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Date of Report: March 28, 2014

- ☐ **Substantiated allegation(s)**
- ☐ **No violation(s)**
- ☐ **Insufficient evidence**
- ☒ **Fact finding**
- ☒ **Contains Confidential Business Information**

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☒ **Reviewer:**
(b)(6), (b)(7)(C)

SYNOPSIS

On 05/01/13, Oregon State University (OSU) advised the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), Biotechnology Regulatory Services (BRS), of potential genetically engineered (GE) glyphosate-resistant wheat plants in one field of a grower in eastern Oregon. APHIS conducted an investigation to determine the source of the wheat plants, and how they came to be located in the field.

Because initial testing of the wheat volunteers (i.e., wheat not intentionally planted) by OSU indicated the presence of GE material, APHIS commenced a series of tests and also concluded that the volunteers contained GE material, specifically, a transgenic event known as MON71800. The Monsanto Company (Monsanto) developed MON71800 and field tested wheat containing the MON71800 trait in 15 states from 1998 to 2005, through APHIS's notification procedures applicable to GE material (7 C.F.R. § 340.3). Monsanto last performed a MON71800 field test in Oregon in 2001. APHIS has not deregulated any GE wheat, and there is no commercially available GE wheat in the United States.

After determining that the wheat volunteers contained MON71800, APHIS sought to determine how the volunteers came to be located in the field through a traceback investigation. APHIS's investigation included over 290 interviews with wheat growers, grain elevator operators, and crop consultants, as well as interviews with field test plot researchers involved in the testing and production of MON71800. APHIS did not detect GE wheat of any type at any of the locations that it visited in Oregon, Idaho, or Washington, or in any other sample seed, and APHIS was not able to determine how the volunteers came to be located in the single field in Oregon.

USDA also attempted to determine the variety of the wheat volunteers found in the Oregon field. After conducting various methods of varietal testing and comparing the wheat volunteers to 191 known and commercially available cultivated varieties of wheat, USDA determined that the wheat volunteers were not a known or commercial wheat cultivar. Genetic characteristics of the wheat volunteers suggested that they derived from a wheat breeding program. APHIS was not able to determine the source of the wheat breeding program, and was therefore not able to determine the origin of the GE wheat volunteers or why the volunteers appeared in the field.

APHIS's primary investigative conclusions are:

1. The wheat volunteers contained transgenic wheat event MON71800.
2. Detection of the GE wheat volunteers in a single Oregon field appears to be an isolated occurrence.
3. Genetic characteristics of the GE wheat volunteers are representative of a wheat breeding program, not a released wheat cultivar, and as such, further testing is unlikely to result in identifying an identical match to a known cultivar.
4. There is not sufficient evidence to determine how the wheat volunteers came to be located in the affected field.

NARRATIVE**BASIS FOR INVESTIGATION**

On 05/03/13, Edward Jhee (Jhee), Ph.D., Director of Regulatory Operations, USDA, APHIS, BRS, requested that USDA, APHIS, Investigative and Enforcement Services (IES) open an investigation after an OSU scientist notified USDA officials that wheat plant samples she received had tested positive for a protein that made them resistant to glyphosate (Exhibit 1). The wheat plant samples appeared to be GE wheat. No GE wheat has been deregulated by APHIS, and no GE wheat is commercially available in the United States.

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A. Overview of the MON71800 Wheat Event

Monsanto developed and patented glyphosate as an herbicide in 1970 and introduced it to the market, following an approved registration by the EPA, under the brand name Roundup. According to the Monsanto website, in 1997, Monsanto began the technical development stage of Roundup Ready® (RR) wheat, a wheat variety resistant to glyphosate. From 1997 through 2003, Monsanto continued its research and development of RR wheat. In 2004, Monsanto stated that it would discontinue the breeding and field level research of RR wheat (Exhibit 2). Monsanto had used Bobwhite spring wheat

as the variety from which it developed the RR wheat event MON71800 through (b) (4) mediated transformation of the CP4 gene into the wheat genome.¹

Many herbicide-resistant plants have been deregulated (approved) and commercialized in the United States, including some varieties of corn and soybeans, but herbicide-resistant wheat has not been approved or commercialized. During its research and development period, Monsanto submitted 134 notifications to APHIS to field test MON71800 on 126 release sites in 15 states (Exhibit 3). APHIS acknowledged the notifications, meaning that Monsanto could move forward with the proposed field testing. These are the only notifications that APHIS acknowledged involving MON71800.

B. Background: DNA and Protein Testing

Every plant contains DNA, a blueprint which determines the traits of a plant; height, color, and type are all traits. When a foreign DNA sequence is inserted into the native genome, it creates a unique transformation “event,” and the plant becomes known as “transgenic” or GE. The introduced gene may encode a new protein that confers a unique trait, such as herbicide resistance. Each insertion of DNA occurs in a unique sequence in the genome, and the resulting plant is referred to as a unique transformation “event.” GE testing detects either the transgenic DNA or the protein expressed from the transgene. Furthermore, the DNA test can be gene- or event-specific. In the former case, the test is based on sequences unique to the DNA insert. In the latter case, the test is based on sequences in the DNA insert and the native genome flanking the insertion site.

MON71800 was produced through incorporation of the CP4 *epsps*² genetic sequence into the wheat genome. This gene was derived from the (b) (4) (b) (4), which Monsanto identified as a glyphosate-resistant strain. The CP4 *epsps* genetic sequence directs the production of the protein CP4 EPSPS, rendering RR wheat resistant to glyphosate, which is the active ingredient in Roundup agricultural herbicides (Exhibit 2).

Upon APHIS’s request, Monsanto identified all CP4 constructs that it generated and used in the RR wheat project between 1998 and 2005, and provided plasmid maps for these DNA constructs (Exhibit 4).

For DNA-based testing, the laboratories that tested the material from the volunteers found in Oregon and the seeds APHIS collected used the polymerase chain reaction (PCR) test method. The PCR test method can be gene specific, where it detects for the presence of the CP4 *epsps* genetic sequence, or it can be event specific, where it detects the sequence of both CP4 *epsps* and the adjacent wheat sequence. PCR testing is a sensitive technique that can detect DNA sequences at very low levels. Some PCR methods will assess not only whether the event is present (qualitative PCR), but also how much of the DNA is present (quantitative PCR). APHIS used both methods of testing in this investigation.

Protein-based testing uses antibody-based technology (or immunochemistry) to detect the protein produced by the transgenic gene sequence. These tests are faster than DNA-based tests, but are less sensitive. They also cannot differentiate between the CP4 EPSPS proteins produced in other plants transformed with the CP4 *epsps* gene (including corn, soybeans, cotton, alfalfa, sugar beet, creeping bentgrass, and canola). APHIS has not used protein-based testing in this investigation.

¹(b) (4)

(b) (4)

C. Discovery of GE Wheat in Eastern Oregon and Testing to Establish Glyphosate Resistance

On 05/01/13, (b)(6), (b)(6), (b)(7)(C) at OSU, contacted Neil Hoffman, Ph.D. (Hoffman), Science Advisor with the Office of the Deputy Administrator of USDA, APHIS, BRS, to inform him of her receipt on 04/30/13 of a package containing 24 wheat samples from a (b)(6), (b)(7)(C) with (b)(4) who collected the samples from a wheat grower's field in eastern Oregon and who requested that OSU test the samples for Roundup or glyphosate tolerance, as the wheat survived treatment with glyphosate (Exhibit 5). The wheat heads (b)(6), (b)(7) received were immature, meaning there was not yet seed in the heads, were green, were in excellent condition, and came wrapped in a paper towel and shipped in a United States Postal Service priority box (Exhibit 8).

(b)(6), (b)(7) first used the AgraStrip® RUR Seed & LeafTraitChek™ Strip Test, which detects the CP4 EPSPS plant protein in both field and laboratory environments (Exhibit 6). (b)(6), (b)(7) then extracted deoxyribonucleic acid (which is DNA) from the samples and performed a PCR test looking for the CP4 gene with RR bentgrass DNA as a positive control, and Madsen wheat and Italian ryegrass DNA as negative controls. The wheat samples tested positive for the CP4 protein using the strip test. Next she performed PCR tests using primers to identify the 35S promoter, rice actin promoters, NOS³ terminator, and the CP4 *epsps* gene with (b)(4) (Exhibit 8). (b)(6), (b)(7) PCR test results indicated that the wheat samples contained the CP4 *epsps* gene, 35S promoter, rice actin promoter, and NOS terminator, further indicating that the samples were transgenic (Exhibit 8).

On 05/03/13, (b)(6), (b)(7) sent her "Report on suspected Roundup Ready Wheat in Oregon" to Jhee, and an IES Investigator subsequently met with (b)(6), (b)(7) in (b)(6), (b)(7)(C), Oregon, to take photographs and discuss the samples she received, methods of testing the material, and the meaning of the test results (Exhibits 7-8). (b)(6), (b)(7) also reported that she spoke with the (b)(6), (b)(7)(C), who told her that the wheat came from a field leased by a grower in Oregon, who had harvested a (b)(4). Based on her visual inspection of the material she received and the varietal testing completed at OSU, (b)(6), (b)(7) did not believe that the material she received was either (b)(4) (Exhibit 8).

On 05/07/13, an IES Investigator met with the grower and (b)(6), (b)(7)(C), with the grower's attorney and another IES Investigator joining by phone (Exhibit 9). The Investigators learned the specific location of the 125-acre affected field that the grower leased and the crop history of the field. In (b)(6), (b)(7)(C), the grower planted the field with a blend of (b)(4) (b)(4) which the grower purchased as certified seed from (b)(4) (b)(4) (b)(4).

(b)(4)

³ The 35S and NOS PCR methods are described in more detail in the Testing Methods section, below.

⁴ The purpose of seed certification is to preserve the genetic purity and identity of seed stock. Requirements for producing certified seed of field crops include planting eligible stock, field inspection of the growing crop, conditioning of the seed in an approved plant, sampling, laboratory analysis, and proper labeling of the seed. These requirements are intended to ensure seed of known quality, purity, and heredity.

(b) (4)

On (b) (6), (b) (7)(C), the grower treated the field with Gly Star® Plus, a glyphosate-based herbicide. Glyphosate is absorbed through foliage and is most effective on actively growing plants; it is not effective in preventing seeds from germinating. Consistent with past applications, the grower expected 100% destruction of the plants sprayed, except in small areas where the spray may have missed the plants due to wind, dust, or the speed of the spray vehicle. On or about (b) (6), (b) (7)(C) the grower noticed that roughly less than 1% of the volunteers survived the glyphosate treatment. Consequently, (b) (6), (b) (7)(C) regarding the persistence of these wheat volunteers. Towards the end of (b) (6), (b) (7)(C) the (b) (6), (b) (7)(C) collected samples of the volunteer wheat from the affected field and sent them to OSU (Exhibit 11), where they tested positive for the CP4 protein and CP4 *epsps* gene (Exhibit 8). On (b) (6), (b) (7)(C) the grower sprayed the affected field with Paraquat, a fast-acting and non-selective herbicide, which kills green plant tissue on contact.

On 05/11/13, IES Investigators again met with the (b) (6), (b) (7)(C) to discuss his knowledge of the volunteer wheat on the grower's affected field. The (b) (6), (b) (7)(C)

on a Google map (Exhibit 11).

D. Collection of Samples from the Grower's Fields

On 05/08/13, APHIS collected 32 wheat volunteers from the 125-acre field. APHIS selected these samples based on the fact that these plants were actively growing, and APHIS representatives recorded the GPS coordinates of the areas where they collected the samples. Additionally, APHIS collected 15 wheat samples intended as negative control samples (Exhibit 12). These negative control samples consisted of dead material located near the wheat volunteers. (b) (6), (b) (7)(C)

(b) (4)
APHIS received one additional bag from the (b) (6), (b) (7)(C) from the Oregon field in which the grower detected the wheat volunteers.

Collectively, APHIS shipped 50 wheat samples to Deepak Srivastava, Ph.D. (Srivastava), Supervisory Molecular Biologist with USDA, Agricultural Marketing Service (AMS), National Science Laboratory (NSL) in Gastonia, North Carolina (Exhibits 13-15). The AMS laboratory subsequently provided Tandace Bell, Ph.D. (Bell), Supervisory Chemist and Branch Chief, Biotechnology and Analytical Services Branch at the USDA, Grain Inspection, Packers and Stockyards Administration (GIPSA), Technology and Science Division (TSD) lab in Kansas City, Missouri, with 49 leaf tissue samples for independent testing (Exhibits 16-17). The AMS laboratory also provided Deven See, Ph.D. (See), Research Geneticist at the USDA, Agricultural Research Service (ARS), located at Washington State University (WSU) in Pullman, Washington, with DNA extracts from these samples for varietal testing (Exhibits 18-19).

With the grower's consent, APHIS obtained wheat samples from a combined (b) (4) [REDACTED], immediately after planting the 125-acre affected field. The grower planted the same seed combination on both fields, which are located roughly two miles apart from each other (Exhibits 20-21). APHIS split the 50 collected samples in half and sent 50 samples to the AMS lab and 50 duplicate samples to the GIPSA lab (Exhibit 22). The GIPSA lab tested all 50 samples, which were negative for MON71800 or any other GE event that involved the 35S promoter or the NOS terminator. Because GIPSA found the samples negative, the AMS lab did not test the duplicate samples (Exhibit 32).⁵

On 06/13/13, the grower notified APHIS that the grower found additional wheat volunteers in the 125-acre field that apparently survived the paraquat spray. IES Investigators who took photographs of the field noted that the plants had not yet flowered and produced seed (Exhibit 23). APHIS collected 48 plants with roots intact to grow to maturity and 100 individual plant samples from the 125-acre field. APHIS transferred the intact plants to 3-gallon pots and the individual plant samples to zip lock bags, and transported all of the samples directly to See at ARS (Exhibit 24).

On two occasions, one in July and one in August 2013, an IES Investigator collected 4 large bags of wheat volunteers from the grower who, as a safeguarding measure, hand weeded the 125 acre field with his employees to prevent further increases of the transgenic wheat seed. All plant material was dry. An IES Investigator transported the 4 large trash bags of volunteers to a USDA-compliant incineration facility located in Spokane, Washington, where the plant material was destroyed (Exhibit 25).

E. The Investigative Testing Process

Throughout the investigation, APHIS relied on several testing methods to determine whether the wheat volunteers contained a GE event, and if so, the identity of the specific event. For ease of reading, and to provide greater context for the factual description of the testing process, the summary below introduces and describes the tests that APHIS relied upon during the course of the investigation.

1. Testing Methods

35S PCR Method is a highly sensitive quantitative screening tool which allows for high throughput⁶ of results. With respect to seed or kernel testing, the 35S PCR Method has a higher limit of detection than the event specific assays (1 kernel in 3,333). This method tests for the presence of the promoter often found in the front of many transgenes and which is present in MON71800. The presence of 35S indicates that genetically engineered tissue is present in the sample. A positive 35S result requires additional testing to confirm whether the genetic event present is MON71800. ARS and GIPSA used this testing method for wheat tissue and wheat kernels.

NOS PCR method is a highly sensitive quantitative screening tool which AMS used in conjunction with the 35S PCR method. This method tests for the presence of the "terminator" of the DNA sequence that is found at the end of many transgenes and which is present in MON71800. The presence of NOS indicates that genetically engineered tissue is present in the sample. A positive NOS result requires additional testing to confirm whether the genetic event present is MON71800.

⁵ A Memorandum of Understanding between APHIS and ARS indicates that positive findings will be validated, not negative findings. GIPSA's equipment allowed for faster testing of the samples than AMS's equipment, and GIPSA was able to quickly produce a result showing no detection.

⁶ High-throughput screening (HTS) is a method for scientific experimentation using robotics, data processing and control software, liquid handling devices, and sensitive detectors. Using HTS, it is possible to quickly conduct large numbers of assays.

EPSPS CP4 test is a general test used by ARS to ascertain the presence of the CP4 *epsps* DNA. (It does not distinguish between events 1, 2, 3, and 4⁷ or between any other RR crop events.)

Real Time Quantitative PCR is an assay⁸ which can be used to measure the amount of a specific DNA sequence in a sample. In real time quantitative PCR, a fluorescently labeled probe is added in addition to the primers. As the reaction proceeds, the fluorescent dye is released from the probe, thereby increasing the fluorescence, which can be measured in real time. The amount of fluorescence is also related to the amount of DNA present in the sample. In connection with the investigation, GIPSA performed a validation to assess the performance of the Monsanto method: “Roundup Ready Wheat MON71800 Event Specific End-point TaqMan® PCR with *acc* Internal Control for Seed Pools of 1:15” (i.e., 1 MON71800 kernel in a pool of 15 non-event wheat kernels). The GIPSA specificity study verified that the Monsanto method detects MON71800 at the limit of detection of 1:15, and further established that the validated method has a limit of detection of 1 in 200 wheat kernels (i.e., 1 MON71800 kernel in a pool of 200 non-event wheat kernels) (Exhibit 121).

Qualitative MON71800 PCR is an event-specific method that can confirm the presence of the MON71800 event in wheat tissue. An event-specific PCR method usually calls for one primer that recognizes the transgene, or “genetic construct,” while the other recognizes the recipient plant’s genomic DNA. In this way, only that specific transgenic event will give a PCR product with a particular primer pair.

Qualitative PCR methods for Monsanto Events 2, 3 and 4 are event-specific assays for RR wheat events other than MON71800 (which is known as Event 1).

DNA Sequencing is the process of determining the precise order of nucleotides within a DNA molecule. It includes any method or technology that is used to determine the order of the four bases (adenine (A), guanine (G), cytosine (C), and thymine (T)) in a strand of DNA.

2. Testing of the Volunteer Wheat Plants

Initially, APHIS sent samples of the volunteer wheat plants to the AMS laboratory to conduct the preliminary analysis. Srivastava, the principal scientist for AMS, completed the initial screening tests on the 49 leaf tissue samples and the one pooled sample using the 35S and NOS PCR tests, and found 35S and NOS in 30 live tissue samples and one pooled sample, indicating the presence of a GE event. Srivastava did not detect 35S and NOS in 19 samples (15 control samples, 2 volunteer wheat plants plus 2 samples collected in fields to the east and north of the affected field), indicating that a GE event was not present in these samples.

The next step was to ascertain whether these samples contained a CP4 event. Srivastava tested the 49 leaf tissue samples and the one pooled sample using the CP4 *epsps* PCR test and found CP4 *epsps* in 30 live tissue samples and one pooled sample, indicating the presence of a CP4 event. Srivastava did not detect CP4 in 19 samples (15 control samples, 2 volunteer wheat plants, and 2 samples collected in fields to the east and north of the affected field), indicating that a CP4 event was not present in these samples.

⁷ Events 1, 2, 3 and 4 are described in more detail in the Test Methods and Control Samples from Monsanto section, below. Event 1 is MON71800.

⁸ An assay is an analytical procedure for qualitatively assessing or quantitatively measuring the presence or amount of a component of a mixture, in this case a transgene in a wheat tissue sample.

3. Test Methods and Control Samples from Monsanto

On 05/07/13, APHIS, AMS, BRS, and Monsanto held a conference call to discuss sampling protocols for the field, preparation of materials for shipment, and laboratory testing procedures. Monsanto scientists represented that ordinary strip tests, such as the ones used by OSU, may result in false positive readings up to 90% of the time (Exhibit 26).

Monsanto agreed to provide event-specific PCR assays and positive controls to determine through testing whether the volunteers corresponded to any of Monsanto's specific events made with the CP4 *epsps* gene. Monsanto identified four events made with the CP4 *epsps* gene that it tested in winter and spring wheat, and sent event-specific tests (gel methods, reagents, and protocols) and positive controls to the AMS lab (Exhibit 27). These four events are:

Reference Number	Construct	Event	MON Number
Event 1	pMON30139	33391	MON71800 ⁹
Event 2	pMON30174	33512	MON71400
Event 3	pMON25497	25372	none assigned
Event 4	pMON25497	25397	MON71200

In late May, an IES Investigator traveled to the Monsanto Research Center in Chesterfield, Missouri, and received from Monsanto a box containing 4 seed samples identified as 33391, 33512, 25372 and 25397, which the Investigator delivered to the GIPSA lab. These seeds correspond to Reference Number Events 1, 2, 3 and 4 listed above. GIPSA planned to use these seeds to develop tests for detecting and quantifying the amount of GE wheat in seeds and grain should it become necessary to conduct precautionary testing of wheat for the presence of GE material (Exhibits 28-29).

4. Test Results from Plant and Seed Samples

AMS. As discussed above, Srivastava initially used the 35S PCR method, NOS PCR method to test the volunteer wheat plants for the presence of a GE event and the CP4 PCR test to confirm that the wheat samples contained the CP4 *epsps* gene. After receiving the event-specific tests from Monsanto, Srivastava conducted further testing on the volunteer wheat plants using qualitative PCR tests for events 1, 2, 3 and 4.

AMS used the qualitative MON71800 PCR test on these 50 samples to test for the presence of the CP4 Event 1, which is MON71800. The results showed that MON71800 was detected in 30 live tissue samples and one pooled sample. MON71800 was not detected in 19 samples (15 control samples, 2 volunteer wheat plants, and 2 samples collected in fields to the east and north of the affected field). Thus every sample that tested positive for the 35S promoter, the NOS terminator, and the CP4 *epsps* gene also tested positive for MON71800. This result strongly suggested that the wheat samples contained MON71800.

Although unlikely, it was possible that the wheat samples contained more than one GE event. To address this possibility, Srivastava also tested the first 6 samples (designated OR130018-BR1 through OR130018-BR6) for events 2, 3, and 4 and obtained negative results. Based on this finding, APHIS determined that it was unlikely that the wheat samples also contained GE events 2, 3, or 4, and there was no need for AMS to conduct additional event-specific testing on the volunteer wheat from the affected field (Exhibit 30).

⁹ Event 1 is hereinafter referred to as MON71800.

To definitively confirm the finding of MON71800 in the volunteer wheat plants, Srivastava submitted 8 PCR products derived from 4 samples to the Eurofins MWG|Operon DNA Sequencing facility located in Louisville, Kentucky for DNA sequencing (Exhibit 31). Four of these PCR products from the first primer pair were derived from within the CP4 *epsps* gene, and four from the second primer pair were derived from the junction of the wheat genome and the rice actin promoter found in the beginning of the MON71800 DNA construct and specific only for MON71800 (Exhibit 32).

Upon receipt of the DNA sequencing results, Srivastava shared them with Hoffman and John Turner, Ph.D. (Turner), Director, Environmental Risk Analysis Programs with USDA, APHIS, BRS (Exhibit 32). Turner and Hoffman used the National Institutes of Health (NIH) Basic Local Alignment Search Tool (BLAST) to analyze the sequence information obtained from Eurofins MWG|Operon. These results confirmed that the sequences from all four samples produced identical PCR fragments that matched either the CP4 *epsps* gene in the case of the first primer pair, or the fusion of the wheat genome with the rice actin promoter in the case of the second primer pair. The respective PCR products also matched the corresponding sequences of the MON71800 sequence obtained from Monsanto. The file titled “unknown blast search CP4” indicates that the sequence of the CP4 PCR product has 100% sequence identity with the CP4 gene and MON71800 (Exhibit 33).

GIPSA. Throughout the investigation, GIPSA conducted independent testing to confirm AMS’s leaf tissue tests and testing of seed/grain samples, and assisted with varietal testing. Bell coordinated this effort (Exhibit 34a).

GIPSA extracted and quantified viable DNA from 44 of 50 leaf tissue samples received from AMS (Exhibit 34b). GIPSA then analyzed the extracted DNA using the qualitative PCR testing protocols for events 1, 2, 3, and 4 provided by Monsanto (see above). GIPSA confirmed the AMS results for the MON71800 trait, as they found the trait in 28 out of 30 positive samples; two samples did not react to the test because of an insufficient amount of DNA. GIPSA tested 50 leaf tissue samples collected by APHIS on 05/24/13 for qualitative MON71800 event-specific PCR, and all 50 samples tested negative. These latter samples were collected from two fields leased by and planted with the same wheat varieties as the affected field, but which did not contain any volunteer plants that were resistant to glyphosate (Exhibit 22).

GIPSA also provided varietal testing on seeds from intact plants collected in the affected field and grown to maturity in ARS’s laboratory. The results are summarized as follows (Exhibits 34c):

- All kernels tested were positive for MON71800 by event-specific PCR.
- The wheat heads showed significant differences in morphology including awned, awnless, and awnlet (intermediate awned) heads.
- Visual analysis of the kernels showed most of the kernels to be sufficiently mature to render definitive decisions regarding red/white characteristics.
- The samples contained both white and red colors, with the majority of the kernels being white by visual analysis. Within each wheat head, the kernel color was consistent. One series with multiple heads (sample 198, a single pot containing multiple plants) showed 1 spike with red kernels and 2 spikes with white kernels.
- All kernels, both red and white, were hard and vitreous (glassy and translucent) in appearance.

- The red kernels showed morphological characteristics of hard red spring wheat, but GIPSA could not determine, with certainty, the class of the wheat because of the immaturity of the kernels.
- With one exception, the white kernels appeared to be hard white wheat. That one exception showed kernel characteristics of soft white wheat, though the kernels of that head were vitreous. GIPSA does not separately classify winter and spring white wheat.
- GIPSA used High Performance Liquid Chromatography Varietal Identification (HPLC Varietal ID) analysis to assess a limited number of samples (42 tests involving 15 separate plants) and found significant bias toward library matches¹⁰ with varieties that are grown in the Pacific Northwest.
- HPLC Varietal ID analysis showed significant diversity in the protein characteristics of the kernels tested. Kernels within a plant matched each other very highly, but achieved only moderately high matches with any known varieties in the existing library of commercially-available varieties.
- HPLC Varietal ID analysis tended to group kernels in two populations that were generally consistent with the visual classification into hard red spring wheat and hard white wheat populations.
- HPLC Varietal ID library matches did not match well with visual analysis in terms of soft/hard or red/white. Samples appearing to be hard white showed slightly greater consistency between visual and HPLC tests.

F. ARS Testing Process and Varietal Testing Conclusions

1. Initial Testing of the Unknown Wheat Volunteers

See, a Research Geneticist with ARS who specializes in genotype analysis of wheat and barley in the Northwest, conducted molecular marker analysis on the wheat volunteer samples in an attempt to identify the market class and variety of the wheat samples. On 06/05/2013, See received 50 DNA samples from the AMS lab. AMS previously extracted the DNA from the wheat volunteers APHIS collected from the field on 05/08/13 (Exhibit 18). See tested the samples using the MON71800 PCR method to determine the presence of the MON71800 gene (Exhibit 101).

Initially, See ran Single Nucleotide Polymorphism (SNP)¹¹ markers on the 50 unknown DNA samples and 28 known wheat cultivars from the Pacific Northwest. See selected SNP markers for the analysis because they are more responsive to high throughput technologies, require less DNA per analysis, and are a logical choice for rapid analysis of unknown samples. The SNP marker testing of 50 unknown samples produced confusing results (data not shown) leading to two possible conclusions: (1) the DNA was not pure, or (2) the unknown samples were of mixed genotypes. See explained that one downside to SNP markers is that they are less polymorphic (or identify fewer differences within the same sample) than Simple Sequence Repeat (SSR) markers. See further explained that although SSR markers require more DNA per reaction than SNP markers and are labor intensive to generate and score marker profiles, SSR markers are hypervariable (highly

¹⁰ GIPSA maintains a library of over 500 wheat reference samples that can be used for varietal identification. Each wheat variety will give a unique protein “fingerprint” that can be used to help identify unknown samples. When an unknown wheat sample is analyzed, the protein spectrum is compared to the 500 spectra in the library and matched based on the relative similarity of the corresponding protein peaks. A match of 97% or above typically means that the unknown sample has been accurately identified based on the library data (Exhibit 34a).

¹¹ A Single-nucleotide polymorphism (SNP, pronounced snip; plural snips) is a DNA sequence variation occurring when a Single Nucleotide — A, T, C or G — in the genome (or other shared sequence) differs between members of a biological species or paired chromosomes.

polymorphic), and are an excellent choice for genotyping (Exhibit 101). For these reasons, See requested additional DNA samples of the unknown material to conduct further testing using SSR markers.

On 06/26/13 and 06/28/13, See received additional DNA samples from the AMS lab and the GIPSA lab, respectively. Both labs had extracted the DNA from the wheat samples APHIS collected from the affected field on 05/08/13 (Exhibit 19). See analyzed multiple SSR markers, also known as microsatellites,¹² on the new samples (Exhibit 101).

2. Genetic Characteristics of the Unknown Wheat Samples

Initial analysis of the 50 unknown DNA samples and 28 known cultivars with microsatellites indicated that the unknown samples with the MON71800 event did not exactly match any of the known cultivars compared against them. The microsatellite testing showed that the unknown wheat samples were most closely related to two wheat cultivars known as Espresso (77.7% similarity)¹³ and Solano¹⁴ (83.3% similarity) (Exhibit 101, Excel file, tab APHIS AMS SSR summary, column AJ “% identity,” Rows 74, 76). See also used microsatellites to determine whether he could identify a specific market class associated with the unknown samples. At this point in the testing, See found that the markers for seed hardness and vernalization¹⁵ were inconclusive. See examined coat color using newly developed KASP markers (a variant of SNP marker technology). While the majority of the unknown samples indicated that the seeds were white (44 samples), 6 of the unknown samples contained an allele indicative of the red gene presence in one of the three wheat genomes (Exhibit 101, Excel file tab, APHIS AMS SSR, column BM).

In contrast to released (or commercially available) wheat cultivars, which are highly homogeneous both in phenotype and genotype and are typically 99.7% identical genetically among samples within the same cultivar, See found that the unknown wheat samples, as a whole, were heterogeneous (i.e., were not the same as each other), with a low level of heterozygosity (i.e., a limited number of instances where two different alleles were present for a single trait, such as color or hardness). See explained that this finding suggests that the unknown wheat volunteers were representative of a wheat breeding program, not a released wheat cultivar, and as such, further testing was unlikely to result in identifying an identical match to a known cultivar (Exhibit 101, Excel file, tab BR DNA SSR).

During this same time, an IES Investigator delivered to See 48 transplanted samples and 100 bags of individual plants that APHIS collected from the field on 06/20/13 (Exhibit 24). The 48 transplanted samples were plants that were dug up from the affected field, transplanted into three-gallon pots, and then transported to ARS at WSU for further research and testing. In at least one instance, there were multiple plants put into one pot. The samples were most likely from the regrowth of glyphosate-resistant volunteers that the paraquat treatment burned down but did not kill. See placed the live plants in a locked growth facility and allowed the plants to develop to maturity. See observed that

¹² Simple Sequence Repeats (i.e. microsatellites) are repeating sequences of 2-6 base pairs of DNA. They are used for molecular markers analysis, kinship, population, and other studies. They can also be used for studies of gene duplication or deletion, marker assisted selection, and fingerprinting.

¹³ See calculated percent similarity by determining the percentage of marker alleles in the commercial cultivar that were present in any of the 50 unknown DNA samples. Of the 18 markers run in the initial analysis, 14 alleles of Espresso, and 15 alleles of Solano were present among the 50 samples.

¹⁴ Espresso and Solano are both hard red spring wheats developed by WestBred, LLC (WestBred), which is now owned by Monsanto. Espresso certified seed was first offered for sale on 11/08/06, and Solano certified seed was first offered for sale on 11/10/05 (Exhibits 111-112).

¹⁵ Vernalization is the ability of a plant to flower in the spring by exposure to the prolonged cold of winter.

although the majority of the plants had awns on the wheat spikes, some of the plants were awnless, and at least one pot contained spikes with awns and spikes without awns, suggesting that some pots contained more than one plant. Once seeds had fully developed on the plants, See selected a single seed from each spike, which he planted and grew into mature plants from which he could gather additional DNA. See harvested seeds from 156 plant samples, while allowing the plants to continue developing in the locked growth chamber so that he could observe growth habits. In so doing, See observed considerable variation in the flowering times of the plants, indicating that the plants had early spring, spring, late spring, and winter growth habits (Exhibit 101, Excel file, tab BR DNA SSR, Column E).

See ran microsatellite markers on the 156 samples derived from single seeds collected from the volunteer plants in the field. Included in the analysis were 191 varieties for comparison. Among these varieties were Express, Espresso, and Solano, because the previous microsatellite testing indicated that the unknown samples were genetically similar to these cultivars. Express, Espresso and Solano are hard red spring varieties but list white off-type variants in their Plant Variety Protection registrations.¹⁶ GIPSA screened large quantities of Express, Espresso, and Solano seed and isolated a seed sample of white variants for testing. Espresso also lists a variant for awnless (Exhibits 110-112). Express¹⁷ was used in the development of both Espresso and Solano. See also included hard white wheat cultivars bred from Express including Plata, Patwin, WB Rockland, WB Cristallo, and Blanca Grande (Exhibit 101, Excel File, Tab MC SSR).

With respect to the 156 samples, See first tested each sample for the presence of MON71800, using the event-specific PCR method that Monsanto supplied. See found that 149 of the 156 samples contained MON71800 (Exhibit 101, Excel File, Tab BR DNA SSR, columns X and Z and AB). See then analyzed 30 additional SSR markers (beyond those he used during the initial analysis of the DNA samples). See found that, with limited exception, most markers were represented by more than one allele, indicating heterogeneity (diversity) among the samples. See also analyzed additional Sequence-Tagged Site (STS)¹⁸ markers for seed coat color, the Yr17 stripe rust resistance gene, and seed hardness. Of the 156 samples, See found that 114 had white seed coat color, 33 had red seed coat color, and the tests for 9 samples were inconclusive. See said that there were 9 inconclusive PCR results because the PCR sometimes does not work or does not work well enough to produce a reliable answer. See found that 2 samples from the same plant had the positive allele for the Yr17 gene.¹⁹ See's finding that 2 samples from the same plant had the positive allele for the Yr17 gene is of note because Madsen²⁰ (a parental cultivar used to breed Espresso) contains the Yr17 gene. With

¹⁶ The Plant Variety Protection Office issues Certificates of Protection for new varieties of plants that are seed reproduced or tuber propagated. A Certificate of Protection is awarded to the owner of a variety after an examination determines that it is new, distinct from other varieties, and genetically uniform and stable through successive generations, and provided that the legal aspects associated with creation and marketing (if desired by the applicant/customer) are valid. APHIS used this information to learn of parental lineage and variety ownership.

¹⁷ Express is a hard red spring wheat developed by Western Plant Breeders (later WestBred, LLC), which is now owned by Monsanto, and released in 1991.

¹⁸ STS is a short DNA sequence that has a single occurrence in the genome and whose location and base sequence are known. STSs can be easily detected by PCR using specific primers. When STS loci contain genetic polymorphisms (e.g. simple sequence length polymorphisms, SSLPs, or single nucleotide polymorphisms), they become valuable genetic markers, i.e., loci which can be used to distinguish individuals. STS include such markers as microsatellites.

¹⁹ Each potted plant produced multiple spikes. See treated each single seed from a spike as a separate sample to identify whether multiple plants were within each pot, and provided quality control in case multiple samples were derived from the same plant (Exhibit 100).

²⁰ Madsen, soft white common wheat developed by the cooperative Federal-State Research program at Pullman, Washington, was released on 01/07/88 (Exhibit 115).

respect to grain hardness, See found that both hard and soft kernels were present in the unknown wheat samples (Exhibit 101, Excel file, Tab BR DNA SSR).

When See analyzed market class samples using 13 SSR markers, See found that the alleles from any one of the 191 market class samples were present in the 156 samples over a range of 21.4 to 78.5%. Cultivars with alleles that were 78.5% present in the 156 samples included Express, Foote and Malcolm, the latter two of which are soft white winter wheat varieties that are not in the Express pedigree (Exhibit 101, Excel File, Tab MC SSR). This analysis further confirmed that the wheat volunteers were not from a commercial variety.

See conducted further marker analysis on Express and Espresso and the 156 wheat samples derived from single seeds (Exhibit 101). Though Express and Espresso cultivars are red seeded, both cultivars contain white variants.²¹ GIPSA isolated white variant seed from certified Express and Espresso seed, which See grew into plants and individually analyzed by SSR markers. See analyzed a total of 30 SSR markers of Express (red and white seeds), Espresso (red and white seeds), and the 156 wheat samples. In this expanded analysis, See found that 93.3% (or 28 out of 30) marker alleles in Express were present in the population of 156 wheat samples. For Espresso, 86.6% (or 26 out of 30) marker alleles were present.

See then revisited SNP marker analysis utilizing a high-capacity SNP technique that processes roughly 81,500 SNP markers simultaneously. On 09/24/13, See sent 56 DNA samples to the ARS Biosciences Research Lab in Fargo, North Dakota for this SNP testing. This allowed See to evaluate the genetic structure of the genome on the unknown samples and compare it to the genome structure of known wheat cultivars. See selected 56 unknown samples representing all of the 48 original transplanted plants, including samples from pots that contained more than one unique plant. See also selected 39 known wheat cultivars, including multiple samples of Express, Espresso, Espresso white off-type variant, Bobwhite (the wheat cultivar used in the transformation of Express with MON71800), and Madsen Yr17 and Avocet Yr15 (which are part of the parental line for Espresso²²), among others (Exhibit 101, Excel File, Tab BR DNA SNP).

See narrowed his SNP analysis of the 95 samples to 5,442 SNP markers with known genetic positions in wheat to support comparative mapping efforts. See found that 32 of the 56 unknown plant samples clustered into three related groups based on collection location in the field. Group 1 involved 13 unknown samples showing relatedness at the 99.5% range, indicating that all the samples in Group 1 are identical genetically. Group 2 involved 10 unknown samples showing relatedness at the 92% to 99% range. Group 3 involved 9 unknown samples showing relatedness at the 99% range, indicating that all the samples in Group 3 are identical genetically. See found Group 1 related to Group 2 and Group 3 at the 90% range, while Group 3 related to Group 2 at the 95% range. With respect to the remaining 24 plant samples, See found that although the plants clustered together, they did not form a tight genetic grouping like those in Groups 1, 2, and 3. The 24 plant

²¹ The materials that accompany the Plant Variety Protection Certification for Express and Espresso describe their variants, including white seed variant (Exhibits 110 and 111).

²² In the Plant Variety Protection application filed for Espresso, it states that Espresso originated from a backcross breeding scheme with the objective of moving stripe rust resistant genes Yr15 and Yr17 into Express background. The donor of Yr15 was the isogenic line of YR15 in Avocet. The donor of Lr37/Sr38/Yr17 was the variety Madsen. The genes were introduced separately into Express using 6 backcrosses with Express as the recurrent parent and using molecular markers for selection. The two resulting lines were crossed, and the double homozygote line that became Espresso was selected using molecular markers. The pedigree is Express 6*/Yr15 Avocet//Express 6*/Madsen. The crossing and marker-assisted selection was performed for WestBred in the greenhouse by (b) (b)(6), (b) (b) (b)(6), (b) (b)(6), (b) (b)(6), (b) (b)(7)(C) at the University of California, Davis (U.C. Davis) (Exhibit 111). (b)

samples showed relatedness to Groups 1, 2, and 3 between the 80% and 86% range (Exhibit 101, SNP distance matrix).

See also created genome phylogeny²³ maps that depict the relatedness of the 95 samples (i.e., relatedness among the 56 plant samples and the 39 wheat cultivars See identified for comparison) (Exhibit 101, PDF file “genome phylogeny”). One map depicts the whole genome representation of the molecular relatedness of the 56 samples against the known wheat cultivars. This map shows that sample seq64 (the Expresso off-type white variant (GIPSA W E07)) was the most closely related known cultivar at 82.6% similarity to the samples (Exhibit 101 p.5 and PDF file “genome phylogeny” at page 22).

Finally, See organized SNP markers by chromosome and genetic position on the chromosome to determine what other genetic material may be present in the 56 samples (Exhibit 101, Excel file, Tab BR DNA SNP, column B). To analyze segments of the wheat genome for the 56 samples that were consistent with known cultivars, See evaluated linkage blocks (or clusters of markers linked together genetically) to identify similarity among the cultivars (Exhibit 101, All vs 182, All vs 207, All vs 219 and Express vs Gip 207 182 219, where “All” cultivars is represented by Avocet Yr15, Bobwhite, Expresso white off-type (GIPSA W E07), and Madsen Yr17; and 207, 182, and 219 are representatives of Groups 1, 2 and 3, respectively). See identified several linkage blocks among the cultivars:

- 37 SNP markers were identical between Bobwhite and 56 samples (Exhibit 101, Excel File, Tab BR DNA SNP column L (Bobwhite) and rows 542-577).
- 77 SNP makers were identical between Bobwhite and sample Groups 1 and 2 (Exhibit 101, Excel File, Tab BR DNA SNP column L (Bobwhite) and rows 4415-4490).
- 69 SNP markers were identical between Avocet Yr15 and sample Groups 1 and 2, and these same markers were identical between Express and sample Group 3 (Exhibit 101, Excel File, Tab BR DNA SNP, columns N-AM1 (Avocet Yr15) and rows 2254-2321).
- 83 SNP markers were identical between Madsen and sample Groups 1 and 2, and these same markers were identical between Express and sample Group 3 (Exhibit 101, Excel File, Tab BR DNA SNP, columns M-AM1 and rows 451-4593). (See could not identify the chromosome segment in Madsen that contains the Yr17 gene with SNP markers, likely because this segment is derived from an alien translocation from *Triticum ventricosa*, and all wheat SNP markers to date were developed in common wheat, *Triticum aestivum*. This is consistent with the analysis of Expresso, which contains the same segment and Yr17 gene on chromosome 2A short arm, yet does not show identity with Madsen in this segment.)
- 104 SNP markers were identical between Express and sample Group 1 (Exhibit 101, Excel File, Tab BR DNA SNP, columns E-H (Express) and rows 3236-3338).
- 176 SNP markers were identical between Expresso white off-type (GIPSA W E07) and sample Group 1 (Exhibit 101, Excel File, Tab BR DNA SNP column K (GIPSA W E07) and rows 953-1128). As discussed above, Expresso white off-type (GIPSA W E07) showed the greatest genetic similarity to the 56 samples.

²³ Phylogeny refers to the development over time of a species, genus, or group, as contrasted with the development of an individual to maturity.

3. ARS's Conclusions

After completing all of the testing, See made the following conclusions regarding the unknown wheat samples (Exhibit 101, Word File, Molecular marker analysis for MON71800 germplasm identification):

- See concluded that the unknown GE wheat samples were not a commercially released cultivar. See made this determination based on the fact that he was unable to identify an exact match for the unknown wheat samples after evaluating them against more than 200 known cultivars (Exhibit 101, Excel File, Tab SNP Distance matrix, samples: Express D01, Express D02, Express D03, Express D05). A released cultivar is very homogeneous genetically, typically 99.7% identical between individuals, and the GE wheat volunteers were not (see second bullet below). As a result and in contrast to this investigation, in nearly all other instances where See sought to identify an unknown cultivar, he used a small number of SSR or SNP markers to identify a perfectly matched cultivar.
- See concluded that, in terms of genetic appearance, the unknown GE wheat volunteers looked like germplasm from a breeding program. See based this determination on the variation in the phenotypes within the unknown wheat samples. The GE samples contained both winter and spring growth habits, molecular markers for grain hardness indicated both hard and soft kernels, and markers for seed coat color indicated both white and red seeds (Exhibit 101, Excel File, Tab BR DNA SSR).

G. Tracing the Volunteer Wheat

Since the grower had purchased seed from (b) (4) for the past (b) (6), (b) (7)(C) the WB528/Rod blend in (b) (6), (b) (7) and the Coda Club in (b) (6), (b) (7), APHIS sought information about others who had purchased and grown seed from (b) (4) APHIS requested and obtained records from (b) (4) for all purchasers of WB528, Rod, or Coda Club from (b) (6), (b) (7)(C)

1. Records and Samples from (b) (4)

On 05/14/13, IES Investigators met with the (b) (6), (b) (7)(C) of (b) (4) in (b) (4), Washington. (b) (4)

(b) (4) only office is in (b) (4), and they have no farm ground, although they have grain elevators in other areas. These elevators are mainly for storing grain which has been harvested by area growers. The grain is hauled into the local elevator for storage until such time as it can be transported to its final destination. (b) (4) also sells some seed from these local elevators, and will use the elevators as storage for seed which has been cleaned and will be used for planting the following season. (b) (4) sold WB528, Rod, and Coda Club from (b) (4) (Exhibit 35).

To secure the purchase and sales records, APHIS served (b) (4) with a subpoena *duces tecum* requiring (b) (4) to produce and relinquish documents and seeds pertaining to the acquisition and sale of WB528, Rod, and Coda Club wheat from (b) (4) of the subpoena (Exhibits 36-37). IES Investigators met with the (b) (6), (b) (7)(C) and two other (b) (4) employees to answer questions related to the subpoena. After (b) (4) completed its document production, IES Investigators copied the documents and obtained 11 harvested grain and seed samples from (b) (4) which the Investigators shipped to GIPSA for GE trait testing (Exhibits 38-39).

GIPSA tested all samples using the quantitative 35S PCR analysis method. GIPSA ground and divided each sample into 9 separate tests per sample (i.e. per bag of seed), for an overall limit of

detection of approximately 1 in 30,000. All 11 bags tested negative for the presence of a GE trait (Exhibit 34b).

On 06/05/13, (b) (4) provided a 2.6-pound grain sample in response to the subpoena request that (b) (4) provide any grain samples they may have from the affected field. (b) (4) advised that the grower (who leased the affected field) had delivered (b) (4), and that (b) (4) took the sample during delivery of the wheat. Typically, a grain elevator obtains a small sample of grain for testing (for weight, protein, etc.) as it is being unloaded, and keeps this sample for a period of time for proof of what was delivered. The grain elevator does not normally know the field from which a sample is taken, and only knows the market class (e.g., hard red winter) of the grain delivered. According to (b) (4) this 2.6-pound sample contained grain harvested from the affected field in (b) (4). APHIS sent this sample to GIPSA to be tested for the presence of a GE trait (Exhibits 40-43). The sample tested negative for the presence of a GE trait with a limit of detection of 0.03% (Exhibit 34).

Based on information in the records APHIS received from (b) (4) IES Investigators conducted 291 interviews with wheat growers, grain elevator operators, and field consultants, and with field test plot researchers who were involved with the testing of MON71800. IES Investigators also interviewed growers who owned or farmed ground surrounding the affected field.

2. Wheat Growers

IES Investigators interviewed over 215 wheat growers, with most interviews occurring in June 2013 (Exhibits 44-59). During the interviews, the Investigators obtained information about the growers' farming practices, the crops they planted, the herbicides they used, and various other aspects of their farming operations. All of the growers represented that they had never knowingly planted glyphosate-resistant wheat plants, and they did not know of anyone in their farming areas who experienced a glyphosate-based herbicide failing to destroy volunteer wheat plants.

With one exception, none of the growers had themselves experienced a glyphosate-based herbicide failing to destroy volunteer wheat plants. One grower reported an experience with glyphosate-resistant wheat in 2007, in a field in Washington. The affected patch was approximately 4 feet wide by 50 feet long and was located in a slight ditch along a frontage road. The grower said that he hand-sprayed this area 3 times over a 3-week period during late April and early May 2007 with a solution of 48 ounces of Roundup per 26 gallons of water. Because the wheat did not appear to be affected by the Roundup, the grower pulled the plants by hand and burned them. The grower did not send any of the volunteers for testing. He said there were approximately 50 plants, and he pulled and burned all of them. He has not noticed any volunteers growing since 2007 and has not experienced any other issues with glyphosate-resistant wheat. Following the interview, APHIS traveled to the Washington field and collected samples at the location of the 2007 volunteer patch, all of which tested negative for the GE trait, using 35S PCR testing with a limit of detection of 0.03% (Exhibits 60-61 & 34b).

Another grower provided IES with samples of WB528, planted in 2011, which also tested negative for the GE trait, using 35S PCR testing with a limit of detection of 0.03% (Exhibits 62-63 & 34b).

3. Grain Elevators

IES Investigators interviewed the management of grain elevators that purchased seed from or sold seed to (b) (4).

The (b)(6), (b)(7)(C) for (b)(4) (b)(4) located in (b)(4) Washington, stated that all of the wheat seed (b)(4) purchases from (b)(4) is subsequently sold to (b)(4) customers, and he was not aware of any customers having problems with volunteers. He provided a customer list of growers who purchased Rod, WB528, and Coda Club seed between 2009 and 2012. When IES contacted these growers, none of them had experienced glyphosate resistance in wheat. A week later, (b)(4) provided IES with a sample of a 2011 Coda Club seed, which GIPSA tested for the GE trait, using 35S PCR with a limit of detection of 0.03%, and which tested negative (Exhibits 64-65 & 34b).

Management from (b)(4), located in (b)(4), Idaho, provided the names and addresses of growers who purchased WB528, Rod, and Coda Club varieties for the last four years, as well as seed samples for those years. When IES contacted the growers, none of them had experienced glyphosate resistance in wheat. GIPSA tested the (b)(4) seed samples for the GE trait, using 35S PCR with a limit of detection of 0.03%, and the samples tested negative (Exhibits 66-67 & 34b).

The (b)(4), (b)(6), (b)(7)(C) of (b)(4) (b)(4) located in (b)(4), Washington, stated that he retains records of seed sales, and that he purchases seed from both producers and other seed companies. (b)(4) never sold Rod or WestBred varieties of wheat, but does sell Coda Club. (b)(4) provided samples of Coda Club from 2010 through 2012, all of which tested negative for the GE trait, using 35S PCR at the GIPSA lab, with a limit of detection of 0.03% (Exhibits 68-69 & 34b).

4. Other Researchers, Developers, and Field Consultants

IES also spoke with several individuals about the varieties of wheat they used in their MON71800 research (Exhibits 70-83). With minor variations in their statements, these researchers responded that they did not remember much about the MON71800 research they had conducted in the early 2000s, and they did not recall which wheat varieties were planted, although Monsanto had supplied the seed. All the researchers said that they would have followed whatever protocols they had received from Monsanto.

Between (b)(6), (b)(7)(C) acted as an (b)(6), (b)(7)(C) involved in field testing glyphosate-resistant wheat developed by Monsanto. (b)(6), (b)(7)(C) owns and operates (b)(6), (b)(7)(C), which specializes in investigations and consulting. In 2001, the (b)(6), (b)(7)(C) of (b)(4) hired (b)(6), (b)(7)(C) to verify that Monsanto employees and researchers were following all regulations and protocols in the glyphosate-resistant wheat trials. (b)(6), (b)(7)(C) advised that he did monitor glyphosate-resistant wheat trials in 2001, 2002 and 2003. (b)(6), (b)(7)(C) stated that due to the length of time that had passed, he could not recall much regarding his findings. He provided copies of his records and day planner for the time he worked with (b)(4) indicating no permit violations (Exhibit 84).

5. Other Investigative Leads

(b)(6), (b)(7)(C) and (b)(4) In March 2004, APHIS Plant Protection and Quarantine (PPQ) received a call from (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) of (b)(4) (b)(4) in (b)(4), Washington (Exhibit 85). (b)(6), (b)(7)(C) said that in the fall of 2002, (b)(4) shipped winter wheat seed to California for outdoor propagation in a field plot. In the fall of 2003, the winter wheat plants were shipped back to (b)(4) and screened for herbicide tolerance traits. Three spring wheat plants were found to be glyphosate resistant. IES met with (b)(6), (b)(7)(C), who further explained that during his (b)(6), (b)(7)(C) (b)(4) (b)(6), (b)(7)(C), (b)(4) (b)(7)(C) was a company that worked only with natural selection and not with GMOs of any kind. In 2004, (b)(4) again sent a variety of winter wheat seed to

California for outdoor propagation. When the seed was returned to (b) (4) they discovered that some of the plants were a spring variety and not the winter wheat they had sent to California (Exhibit 86). (b)(6), (b)(7)(C) did not know where (b) (4) sent the seed in California and recalled very little about the incident. (b)(6), (b)(7)(C) said that (b) (6), (b) (7)(C) (b) (4) in the (b) (6), (b) (7)(C), the (b) (6), (b) (7)(C) of the company was (b)(6), (b)(7)(C).

On 09/11/13, IES spoke with (b)(6), (b) (7)(C) who said that he did not do any of the fieldwork and was (b) (6), (b) (7)(C) (b)(6), (b) (7)(C) said he did remember something about the California shipment, would look through any wheat shipment records he had from the early 2000s, and would try to find out where the seed may have originated. On 09/16/13, (b)(6), (b) (7)(C) called the IES Investigator and said that to the best of his knowledge and based on what he could determine, the seed may have come from somewhere in the Imperial Valley of California (Exhibit 87).

Kentucky contact. IES Investigators interviewed a woman in Kentucky who believed that the field behind her was planted with GMO wheat, which she alleged caused health issues for her and her cats. IES interviewed 4 other individuals in connection with this concern. IES spoke with Kentucky's State Plant Health Director, the University of Kentucky, and BRS, and learned that there have been no notifications or approvals for RR wheat to be planted in Kentucky. The owner of the property and the individual who leases the field were both interviewed, and represented that no GMO wheat had been planted in field. The lessee stated that he had planted 23 acres of wheat in the field as a cover crop, that he had never used Roundup, and that he had never heard of GE wheat (Exhibit 88). After reviewing the matter, APHIS found nothing to suggest that any GE wheat had been tested or released in Kentucky.

Custom Combiner. IES Investigators had previously learned that the wheat grower who found the glyphosate-resistant wheat volunteers in the 125-acre field had hired a custom combiner to combine (i.e., harvest) the grower's wheat fields in 2012. IES interviewed the man who had combined the grower's field and discussed his work for other growers in the local area. The combiner stated that he had used a new combine, which had previously only been used to harvest peas. The affected field was the first wheat field on which the combine was used, so it could not have been contaminated with wheat material from an earlier harvest. Growers for whom the custom combiner worked after he harvested the affected field said that they did not experience any glyphosate resistance in their crops (Exhibit 89).

H. Researchers and Developers of MON71800 Wheat

IES Investigators interviewed individuals who were involved in the development and testing of MON71800.

(b)(6), (b)(7)(C), (b)(6), (b)(7)(C) a division of Monsanto, related that all protocols were followed and to the best of his knowledge, he never experienced an escape, contamination, or cross contamination of any of the GE wheat with which he was working. (b) (6), (b) (7)(C) said that most of his MON71800 (b) (6), (b) (7)(C) and Monsanto suspended the work on MON71800 sometime in 2004 or 2005, when he was working for WestBred. When Monsanto suspended the MON71800 project, (b) (6), (b) (7)(C) sent all of the material in his possession either to Monsanto in Missouri; to a USDA storage facility in Fort Collins, Colorado; or to Livingston, Montana, for destruction by incineration. To the best of his knowledge, there was never a breach of security with the MON71800 material (Exhibit 90). On 12/11/13, APHIS again interviewed (b)(6), (b)(7)(C) (b)(7) for Monsanto, were present,

as was (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) (b)(6) explained his field books, the coding system he used, and procedures during field tests (Exhibit 91).

(b)(6), (b)(7)(C), (b)(6), (b)(7)

(b)(6), (b)(7)(C)

(b)(6), (b)(7)

APHIS interviewed (b)(6), (b)(7) on 11/15/13 and 12/12/13. During the initial interview, (b)(6), (b)(7) did not have his field notebooks available for reference when responding to questions. (b)(6), (b)(7) MON71800 testing and could not recall conducting breeding trials of Monsanto RR wheat at the same time as conventional breeding trials (Exhibits 92-93).

(b)(6), (b)(7) said he used a separate plot of land for MON71800 testing and did not mix non-regulated wheat test plots with regulated wheat test plots. He said Monsanto had strict protocols and isolation distances, and he often exceeded them, although he specified that he never planted research wheat on the same land where RR wheat grew. He said he did not plant RR wheat in the same field in successive years, and that he took extra precautions to ensure that the research breeding trials never accidentally produced RR wheat. His research plots were 5 feet wide by 20 feet long, and he created a 5-foot alleyway to separate the trials. He said that he or others would spray the alleyways with Roundup to ensure they did not mix regulated wheat with non-regulated wheat. He said that he never found RR wheat in the alley after treatment with Roundup (Exhibits 92-93).

While testing MON71800, (b)(6), (b)(7) used some of the same plot sites to perform his research, but he never used the same exact site for two consecutive years. He used many different varieties of wheat in the test plots, including released varieties, elite varieties, and experimental lines, and he could not recall all of the lines without his field books. (b)(6), (b)(7) did not recall any irregularities with respect to the safeguarding practices of the test plots (Exhibits 92-93).

(b)(6), (b)(7) said that he or those under his direct supervision thoroughly cleaned the equipment used in test plots prior to removing it from a field and prior to using it in another field. He said that WestBred did not borrow or lend equipment, and when transporting equipment, seed or plant material containing the MON71800 event, he always contained the material or equipment to prevent spillage and to maintain the safeguarding practices required by APHIS and Monsanto. (b)(6), (b)(7) reported that he always maintained at least the required minimum spacing between plant varieties and plant species (Exhibits 92-93).

(b)(6), (b)(7) said that he did conduct field tests with the research seeds developed by (b)(6), (b)(7)(C)

The preferred way of controlling stripe rust, an aggressive wheat disease, was through breeding with resistant varieties. Express was a popular variety of wheat that lacked resistance to stripe rust (Exhibits 92-93).

Sometime in 1998, (b)(6), (b)(7) began developing a rust-resistant form of Express. To do this, (b)(6), (b)(7) bred Express with Madsen (to introgress the Yr17 gene) and also bred Express with Avocet (to introgress the Yr15 gene). In 2003, (b)(6), (b)(7) obtained verbal permission from WestBred to continue the introgression of the Yr15 and Yr17 genes into Express. In 2004, (b)(6), (b)(7) submitted a product to WestBred that included both the Yr15 and Yr17 genes (Exhibits 92-93).

WestBred then continued the selection process to finalize the development of a cultivar called Expresso. (b)(6), (b)(7) recalled that he received the seed from his supervisor at WestBred, (b)(6)(b)(6), (b)(7) not directly from (b)(6), (b)(7). He then planted the seed in a test plot near Yuma, Arizona, in December 2004, to grow it out and continue the selection process for the refinement of the variety. The seed from this December 2004 planting was used to plant 6 acres of Breeder Seed²⁴ near Bozeman, Montana, in the summer of 2005. The resulting seed was used to produce Foundation Seed²⁵ of Expresso near Woodland, California in 2006 (Exhibits 92-93).

(b)(6), (b)(7) said that WestBred did not use Expresso in the testing of MON71800. From the information received from (b)(6), (b)(7) and APHIS's review of the BRS notifications and field books, the last time (b)(6), (b)(7) actively worked with RR wheat containing the wheat variety Express was in a field tests near Brawley, California, where the plot of RR wheat was harvested on 05/14/04 and destroyed on 05/24/04 (Exhibits 92-93, 123).

IES asked (b)(6), (b)(7) about an entry in one of the field books, which referenced him selecting out the white variants of seeds. (b)(6), (b)(7) stated that he was doing this in the 1990s. Express has a white variant, which WestBred was trying to remove through selection. Not long (possibly one year) after the experimental attempts to select out the white variants of Express, WestBred realized that the selection process was unnecessary because the white variant was not harmful to Express, and purchasers were not concerned about the white variant. IES asked (b)(6), (b)(7) if he had ever conducted experiments or tried to breed for the white variant of Expresso, or tried to breed to eliminate the white variant in Expresso. He said that to the best of his knowledge, he had not. (b)(6), (b)(7) went on to say that to the best of his knowledge, he had never bred for a white variant or bred to eliminate a white variant of any RR wheat (Exhibits 92-93).

(b)(6), (b)(7) (C) (b)(6), (b)(7) (C) (b)(6), (b)(7) (C)

IES asked (b)(6), (b)(7) about any research he conducted with RR wheat. (b)(6), (b)(7) said he was not a wheat researcher or wheat breeder. (b)(6), (b)(7) (C)

He was aware of research that occurred, but the research was not his and was under the direction of either (b)(6), (b)(7) (C) (b)(6), (b)(7) (C)

(b)(6), (b)(7) (C) (b)(6), (b)(7) (C) (b)(6), (b)(7) (C)

(Exhibit 94).

IES asked (b)(6), (b)(7) about when WestBred started working to develop a rust-resistant variety of Express, and when WestBred first started working with (b)(6), (b)(7) (b)(6), (b)(7) explained that on a continuing basis, WestBred tried to breed disease resistance into (i.e., "develop a disease package for") popular varieties of wheat. Express was a popular variety, so (b)(6), (b)(7) (C) (b)(6), (b)(7) (C)

²⁴ Breeder Seed is produced by plant breeders prior to the release of a new variety and is planted to produce foundation seed.

²⁵ Foundation Seed is the first generation of seed available to the public and is the basis for the production of registered and certified seed.

(b)(6), (b)(7)(C) said that to the best of his knowledge, (b)(6), (b)(7)(C) never sent any of the filial²⁶ generations of his testing with Expresso to WestBred, which received its first seed from (b)(6), (b)(7)(C) on September 3, 2004. This seed was the "BC3" or "BC4" cross with Express, meaning that this was the third and fourth time the progeny (of the three-way cross between Avocet, Madsen, and Express) had been crossed with Express. According to (b)(6), (b)(7)(C) the seed would contain both the Yr15 and Yr17 markers at this point, which are the rust resistant traits bred into Express to make Expresso. (b)(6), (b)(7)(C) said he planted the seed in his growth chamber, harvested the seed, and sent it to (b)(6), (b)(7)(C) to grow out and continue the selection for the refinement of the variety. (b)(6), (b)(7)(C) was also working with other seed companies to introduce rust resistance into other varieties of wheat (Exhibit 94).

Because (b)(6), (b)(7)(C) was in the administration of the company, IES asked him about (b)(6), (b)(7)(C) and (b)(6), (b)(7)(C) breeding practices and attention to growing protocols. (b)(6), (b)(7)(C) said that (b)(6), (b)(7)(C) and (b)(6), (b)(7)(C) were the best in the industry. They were extremely conscientious. When working with RR wheat, they were very guarded and followed every protocol and safeguard, and more. (b)(6), (b)(7)(C) has no knowledge of any possible or potential escape or event which would concern him (Exhibit 94).

IES interviewed (b)(6), (b)(7)(C) to obtain information regarding his work and research on glyphosate-resistant wheat, specifically on the MON71800 transformation. (b)(6), (b)(7)(C) said that he does not work, and has never worked, with glyphosate resistance, and he does not use transgenic wheat in the U.C. Davis breeding program. He said that 99% of his research is in the greenhouse, and he does not work on any conventional field test plots (Exhibit 95).

When IES asked him asked about working with Express or Expresso with the MON71800 transformation event, (b)(6), (b)(7)(C) restated that he had never worked with glyphosate resistance or with any MON71800-transformed wheat. He stated that he did develop the wheat variety Expresso. (b)(6), (b)(7)(C) described how he developed this variety (Exhibit 96).

To create Expresso, (b)(6), (b)(7)(C) crossed Express with Avocet, which has a gene (YR15) that is resistant to leaf stripe rust. He then backcrossed Express/Avocet with Express. He continued this individual selection 6 times to cross Express/Avocet with Express, making it 99% pure for Express, but with the YR15 trait. He repeated the process, crossing Express with Madsen, which has a gene that is resistant to leaf stripe rust (YR17). He then backcrossed Express/Madsen with Express, repeating this process 6 times, making it 99% pure for Express, but with the YR17 trait. After he had Express*6/Avocet and Express*6/Madsen homozygous, he then took those two crosses and bred them together for three generations. With each generation, he individually selected plants that had both the YR15 and YR17 traits, and then crossed those plants. (b)(6), (b)(7)(C) continued this process for three generations until he had both traits YR15 and YR17 99% pure in the germplasm. When he had this completed, the end product was Expresso (Exhibit 95).

After (b)(6), (b)(7)(C) developed Expresso, he returned that germplasm to WestBred. Initially, (b)(6), (b)(7)(C) said that while he was developing Expresso, he did not send any of the seed to WestBred or anyone else; however, during a later interview, (b)(6), (b)(7)(C) said that he sent seeds from each generation to (b)(6), (b)(7)(C). (b)(6), (b)(7)(C) was not able to recall or provide dates regarding when or to whom he sent these seeds (Exhibit 95).

IES asked if he had any seed from his testing or research and, if he did, whether he would be willing to supply APHIS with that seed for possible research to determine if it shared characteristics with any of

²⁶ Filial describes the first generation that results from crossing two parental lines.

the seed from the affected field. (b)(6), (b)(7) provided an envelope containing 21 seeds of Avocet (with the YR15 trait), an envelope containing 43 seeds of Madsen (with the YR17 trait), and an envelope of Expresso (with the YR15 and YR17 traits) (Exhibit 98).

(b)(6), (b)(7) provided the following filial generations of the early variety of Expresso, which an IES Investigator delivered to See at WSU for potential research (Exhibit 99):

- 5 seeds of 04660/2 Express Yr15 2ns BC6 F4 wheat
- 28 seeds of 04660/8 Express Yr15 2ns BC6 F4 wheat
- 4 seeds of 04660/9 Express Yr15 2ns BC6 F4 wheat
- 17 seeds of 04660/17 Express Yr15 Lr37 BC6 F4 wheat
- 6 seeds of 04660/25 Express Yr15 2ns BC6 F4 wheat
- 6 seeds of 04660/29 Express Yr15 2ns BC6 F4 wheat
- 96 seeds of 03674/8 Express Homo Yr15 Het 2ns BC6 F3 wheat
- 43 seeds of 03674/11 Express Homo Yr15 Het 2ns BC6 F3 wheat
- 6 seeds of 00683/5 X Express BC4 wheat
- 10 seeds of 00675/1 X Express BC3 wheat
- 9 seeds of 98629/2 X Express BC1 wheat
- 11 seeds of 99659/5 X Express BC2 wheat

On 11/13/13, APHIS again interviewed (b)(6), (b)(7) and asked about the development of Expresso (Exhibit 98). APHIS representatives told (b)(6), (b)(7) that the variety of wheat in the affected field appeared to have many of the same characteristics as the commercial variety of Expresso. (b)(6), (b)(7) said that it should be easy to determine if the wheat in the affected field is the commercial variety Expresso, and he advised looking for the Yr15 and the Yr17 markers in the plants. If both of these markers are not in the plant, it cannot be the commercial variety of Expresso (Exhibit 98).

I. Review of Monsanto's Final Field Reports and Disposition of Harvested Material

Of the 134 notifications that APHIS acknowledged involving MON71800, Monsanto proceeded with field testing involving 126 of the notifications. In July 2013, IES Investigators, along with BRS officials, reviewed 126 notifications involving field tests of winter wheat and spring wheat. At the time of the review, initial varietal testing suggested that the wheat volunteers may involve hard white wheat. APHIS also knew that Monsanto developed MON71800 through (b) (4) mediated transformation of line 33391 using the double border, binary vector PV-TXGT10.

Using this information, IES Investigators and BRS officials conducted further review of 32 notifications for MON71800 that proceeded with field testing involving hard white wheat, transformation line 33391, and construct PV-TXGT10. These 32 notifications covered 68 field tests that occurred between 1998 and 2004. BRS officials assessed the notifications and associated Field Trial Reports and completed a spreadsheet that recorded pertinent factors, including harvest and destruction dates, disposition, devitalization and field monitoring notes when available (Exhibit 122).

IES Investigators reviewed the same 32 notifications, but eliminated from further review 2 notifications that were not planted and 3 notifications that only used hard red spring wheat. Of the 27 remaining notifications, IES Investigators discovered discrepancies in the final Field Trial Reports, including inconsistencies regarding the disposition of harvested material, the lack of monitoring for volunteers, and the method of devitalization or final disposition of plot areas (Exhibit 118). IES Investigators contacted the researchers to ascertain the type of wheat or wheats used in their field tests and followed up on concerns involving the Field Trial Reports. Many of the discrepancies that IES Investigators

noted were identified and addressed in an OIG Audit report entitled “Animal and Plant Health Inspection Service Controls Over Issuance of Genetically Engineered Organism Release Permits” Audit # 50601-8-Te, dated December 2005 (Exhibit 103).

An IES Investigator also reviewed Monsanto compliance reports for 11 notifications that covered 29 field tests involving MON71800 that WestBred conducted from February 2, 2000, through February 7, 2005, in Washington, Montana, California, Arizona, North Dakota, South Dakota, and Hawaii, to examine whether these field tests could have contributed to the release in the affected field. Monsanto used the compliance reports for internal purposes. Monsanto sent the blank compliance report forms to the cooperator/researcher responsible for the field test. Upon completion of the field tests, the cooperator/researcher submitted the completed compliance report to Monsanto. Monsanto used the compliance reports to complete the Field Trial Reports that it submitted to BRS. The compliance reports generally included three reports: (1) Monitoring for Volunteers, (2) Planting Information & Certification of Field Trial Compliance, and (3) In-Season Field Monitoring. The compliance reports also contained email messages and faxes. The IES Investigator reviewed compliance reports involving notification numbers 00-046-10n, 00-195-04n, 01-025-10n, 01-037-12n, 01-046-18n, 01-234-08n, 01-236-04n, 02-051-12n, 02-263-15n, 03-052-28n and 04-009-03n (Exhibit 3). Based on a review of these compliance reports, APHIS was not able to determine a link between Westbred’s MON71800 field testing and the contamination in the affected field (Exhibit 103).

On 07/01/13, Monsanto published a report titled, “Scientific review supporting MON71800 wheat event limited to single field location” (Exhibit 108). In this report Monsanto states, “the discovery of RR wheat cannot be logically explained as deriving from seed or pollen remaining in the field from trials conducted about a decade ago as part of the RR wheat project (late 90s to 2005).” Monsanto explains that three lines of evidence establish this conclusion. One of those lines states that as the RR wheat program was in the process of termination, starting in 2004, Monsanto took steps to ensure that all material in the hands of cooperators was either destroyed or collected. As part of those steps, Monsanto claimed that each field cooperator signed a letter of verification that any remaining material had been shipped to USDA, and that no material remained in his or her possession. The cooperator then signed the verification document, followed by his or her manager and the manager’s manager. On 01/21/14, Monsanto provided those verification documents. IES reviewed those documents between 01/21/14 and 01/24/14, and can confirm that Monsanto and USDA, ARS had a cooperative agreement to store glyphosate-tolerant seed at its National Center for Genetic Resources Preservation (NCGRP) facility in Fort Collins, Colorado (Exhibits 109 and 119).

J. Investigation Conclusions

1. Samples of volunteer wheat collected from a single Oregon field contained MON71800, a genetically modified event developed by Monsanto.
2. APHIS interviewed over 215 wheat growers in the area who purchased the same variety of seed that the grower planted in the affected 125-acre field. With one exception, none of the growers had ever experienced failure of a glyphosate-based herbicide to kill wheat plants. Wheat samples collected from the site of reported glyphosate-tolerant wheat growth in 2007 tested negative for glyphosate resistance. All available evidence indicates that appearance of the glyphosate-resistant volunteers in the affected field is an isolated incident.
3. With the exception of the wheat volunteers from the 125-acre affected field, all wheat samples and seed that APHIS collected from all other fields and sources tested negative for glyphosate resistance.

4. APHIS harvested intact wheat volunteers from the affected field and allowed them to mature and develop seed in a locked growth chamber. Of the 156 seeds harvested and tested for MON71800, 149 contained MON71800.
5. Genetic testing commenced on the 156 harvested seeds, and APHIS determined that the volunteers were not an exact match for any commercial variety of wheat.
6. Genetic characteristics of the GE wheat volunteers are representative of a wheat breeding program, not a released wheat cultivar, and as such, further testing is unlikely to result in identifying an identical match to a known cultivar.
7. APHIS was not able to determine how the volunteer GE wheat plants became located in the single affected field.

ADDITIONAL INFORMATION

- On 09/20/13, an IES Investigative Analyst provided a copy of Monsanto's corporate information (Exhibit 102).
- In November 2002, Monsanto imported and received regulated wheat seed of event 33391 (MON71800) from its Plant Breeding Station in the Czech Republic. Monsanto said that the received wheat varieties were Aranka and Leguan (both spring wheat). However, both the Phytosanitary Certificate and the invoice state that the wheat was a winter wheat. In 2003, employees at Monsanto's Chesterfield, Missouri facility planted 769 of these seeds in individual pots in Growth Chamber #95. After germination and quality assessment, 382 plants remained and were considered RR wheat lines, meaning they had potential to become a released variety after further testing and selection. A scientist monitored the growth of the plants periodically over many weeks. In September 2003, during harvest, the scientist noticed that, of the remaining 38 wheat plants, 18 heads of wheat were missing. Monsanto estimated that the 18 heads of wheat may have contained roughly 1,000 seeds. Monsanto conducted an internal investigation but did not determine the disposition of the wheat heads and seeds. IES initiated an investigation and determined that there was insufficient evidence to pursue administrative enforcement action against Monsanto in connection with the loss of the seeds (Exhibits 104-105).
- United States Patents Nos. US 6,689,880 B2, dated 02/10/04, and US 7,268,274 B2, dated 09/11/07 (Exhibit 107), belonging to Monsanto, relate to the field of plant molecular biology, specifically to an invention related to a DNA construct for conferring improved glyphosate tolerance to a wheat plant. The invention relates to glyphosate-tolerant wheat plant 33391 (MON71800) and progeny thereof, and to assays for detecting the presence of wheat plant 33391 (MON71800) DNA in a sample and compositions thereof (Exhibit 106).
- USDA's Plant Variety Protection Office (PVPO) administers the Plant Variety Protection Act (PVPA) by issuing Certificates of Protection. The PVPA provides legal intellectual property rights protection to breeders of new varieties of plants which are sexually reproduced (by seed) or tuber propagated. The reports provide useful information about parentage and date of release. PVP Certificates are provided for the following varieties of wheat: Express, Expresso, Solano, and WB528 (Exhibits 110-113). For those varieties of interest to the investigation that were not protected by the PVPA, APHIS has provided release reports that show parentage and release information for Madsen, Avocet, Rod and Coda Club (Exhibits 114-117).

- On 07/25/13, APHIS, BRS, pursuant to its statutory and regulatory authorities, issued the grower of the affected field a Federal Order regarding the mandatory remedial measures that he would need to follow for the affected 125-acre field. The remedial measures included granting APHIS access to inspect and monitor for volunteers in the affected and adjacent fields, providing information regarding herbicide application, observation of volunteers, and prohibiting the planting of any wheat in 125-acre field until all remedial measures are completed (Exhibit 120).

<u>LIST OF PERSONS INVOLVED WITH OR INTERVIEWED</u> <u>AS PART OF THE FACT FINDING INVESTIGATION</u> <i>Provide First, MI and Last Name with Complete Address</i>		
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<u>EXHIBIT LIST</u>			
Exhibit #	Description	Date	Total Pages
1	Request for Investigation (Email)	05/04/13	3
2	Internet search-Monsanto history of Roundup Ready Wheat	12/06/13	2
3	MON7100 Field Releases from Monsanto and Notifications	06/01/13	6 and 1 CD
4	DNA constructs containing CP4 gene, events 1-4	05/28/13	56
5	Report on Suspected Roundup Ready Wheat from (b)(6), (b)(7)(C) to Jhee	04/30/13	1
6	AgraStrip RUR Strip Test Information	06/25/12	3
7	Photographs of Sample Wheat, Shipping Box, Business Card, and Note	05/07/13	7
8	Declaration and addendum for (b)(6), (b)(7)(C)	05/10/13	2
9	Declaration for (b)(6), (b)(7)(C)	05/07/13	5
10	Planting information for affected field and (b)(4) Seed Purchase Invoice	8/20/13 & 10/31/11	6
11	Declaration for (b)(6), ((b)(6), (b)(7)(C)) with Representative Photographs of the Affected Field	05/11/13	21
12	Representative Photographs of Volunteer Samples Collected from the Affected Field	05/08/13	17
13	Copy of USDA Permit # 13-128-106m-al	05/08/13	7
14	COC for 50 Samples from the Affected Field to AMS lab	05/08/13	7
15	UPS Tracking No. 1Z26 Y1W7 0195 788393 to AMS lab	05/09/13	1
16	COC for 50 Samples from the Affected Field to GIPSA lab	05/20/13	7
17	UPS Tracking No. 1Z26 Y1W7 0195 788393 to GIPSA lab	05/20/13	2
18	COC for 50 Samples from the Affected Field to ARS lab & UPS Tracking No. 1Z072E1E0196715486 to ARS lab	06/04/13	9
19	COC for 50 Samples from the Affected Field to ARS lab & UPS Tracking No. 1Z072E1E0193932765 to ARS lab	6/25/13	10
20	Declaration for (b)(6), (b)(7)(C)	05/18/13 – 08/19/13	2

21	Representative Photographs of Volunteer Samples Collected from (b)(6), (b)(7)(C)	05/20/13	13
22	COC for 50 Samples from the (b)(6), (b)(7)(C) to the GIPSA lab and the AMS lab	5/20/13	100
23	Photographs of New Wheat Volunteers on the Affected Field	06/13/13	4
24	Chain of Custody for Samples Collected from the Affected Field to ARS lab	06/20/13	148
25	Representative Photographs of Wheat Volunteers Destroyed by Incineration	07/11/13 & 08/20/13	5
26	E-mail update and paper on "Potential for False Detection of CP4 ESPS Protein"	05/07/13 & 05/25/13	4
27	E-mail from Monsanto	05/14/13	8
28	Declaration for Samples Collected from (b)(6), (b)(7)(C)	05/24/13	19
29	One Memorex CD-R containing photographs taken by Investigator (b)(6), (b)(7)(C) during collection of seed packets at Monsanto.	05/24/13	CD
30	Affidavit of Deepak Srivastava and AMS testing results	11/07/13	25 including CD
31	UPS Tracking No. 1Z072E1E0193932765 to (b)(4)	05/24/13	2
32	Sequencing results and email confirmation	05/30/13	38
33	Confirmation email and attached sequencing evidence establishing identity of unknown event 1	05/30/13	45
34	Affidavit of (b)(6), (b)(7)(C) testing protocols and GIPSA's test results	Varied	22
35	Declaration of (b)(6), (b)(7)(C) by (b)(6), (b)(7)(C)	06/10/13	3
36	Subpoena <i>duces tecum</i>	05/23/13	6
37	Documents collected from (b)(4)	05/30/13	112
38	COC for Samples Collected from (b)(4)	05/30/13	11
39	UPS Tracing No. 1Z072R3Y2491398350	05/30/13	2
40	Declaration for (b)(6), (b)(7)(C)	06/06/13	1
41	(b)(4) Harvest Grain Sample photo	06/06/13	1
42	COC for Samples Collected from (b)(4)	06/06/13	1
43	UPS Tracing No. 1Z072R3Y0196166152	06/06/13	1

44	Declarations of Investigator	(b)(6), (b)(7)(C)	05/30/13 – 06/12/13	54
45	Declarations of Investigator		05/30/13 – 06/13/13	51
46	Declarations of Investigator		05/30/13 – 06/03/13	25
47	Declarations of Investigator		05/31/13 – 06/13/13	51
48	Declarations of Investigator		05/31/13 – 06/06/13	29
49	Declarations of Investigator		06/04/13 – 06/18/13	12
50	Declarations of Investigator		06/04/13 – 08/30/13	46
51	Declarations of Investigator		06/04/13 – 06/14/13	51
52	Declarations of Investigator		06/04/13 – 06/12/13	30
53	Declarations of Investigator		06/05/13	4
54	Declarations of Investigator		06/06/13 – 06/11/13	24
55	Declarations of Investigator		06/06/13 – 06/19/13	45
56	Declarations of Investigator		06/18/13 – 06/27/13	14
57	Declarations of Investigator		06/20/13 & 06/24/13	4
58	Declarations of Investigator		06/20/13 – 06/26/13	24
59	Declarations of Investigator		06/20/13 - 06/26/13	7
60	Affidavit for (b)(6), (b)(7)(C)		06/11/13	3
61	Photos of sample collection and COC for samples from (b)(6), (b)(7)(C)		06/06/13	32
62	Declaration for (b)(6), (b)(7)(C) and Sample Collection Documents		06/04/13 & 06/05/13	8
63	One Memorex CD-R containing photographs taken by Investigator (b)(6), (b)(7)(C) while at (b)(6), (b)(7)(C) farm.		06/05/13	CD
64	Declaration of (b)(6), (b)(7)(C)		06/11/13	3
65	COC for Samples Collected from (b)(6), (b)(7)(C)		06/19/13	2
66	Declaration for (b)(6), (b)(7)(C)		06/11/13	9

67	COC for Samples Collected from (b)(6), (b)(7)(C)	06/19/13	15
68	Declaration for (b)(6), (b)(7)(C)	06/12/13	49
69	COC for Samples Collected from (b)(6), (b)(7)(C)	06/12/13	13
70	Declaration for (b)(6), (b)(7)(C)	07/25/13	2
71	Declaration for (b)(6), (b)(7)(C)	07/25/13	2
72	Declaration for (b)(6), (b)(7)(C)	07/26/13	11
73	Declaration for (b)(6), (b)(7)(C)	06/23/13	2
74	Declaration for (b)(6), (b)(7)(C)	07/23/13	6
75	Declaration for (b)(6), (b)(7)(C)	07/24/13	2
76	Declaration for (b)(6), (b)(7)(C)	07/24/13	2
77	Declaration for (b)(6), (b)(7)(C)	08/12/13	3
78	Declaration for (b)(6), (b)(7)(C)	09/23/13	2
79	Declaration for (b)(6), (b)(7)(C)	07/31/13	3
80	Declaration for (b)(6), (b)(7)(C)	07/23/13	2
81	Declaration for (b)(6), (b)(7)(C)	07/22/13	1
82	Declaration for (b)(6), (b)(7)(C)	08/06/13	5
83	Declaration for (b)(6), (b)(7)(C)	08/05/13	4
84	Declaration for (b)(6), (b)(7)(C)	06/26/13 & 06/27/13	4
85	Email and report provided by (b)(6), (b)(7)(C)	03/18/04	2
86	Declaration for (b)(6), (b)(7)(C)	09/10/13	2
87	Declaration for (b)(6), (b)(7)(C)	09/11/13	2
88	Declaration of Investigator (b)(6), (b)(7)	06/17/13 – 06/21/13	11
89	Declaration for (b)(6), (b)(7)(C)	05/21/13	2
90	Declaration for (b)(6), (b)(7)(C)	09/16/13	3

91	Declaration for (b)(6), (b)(7)(C)	12/11/13	4
92	Declaration for (b)(6), (b)(7)(C)	11/15/13	5
93	Declaration for (b)(6), (b)(7)(C)	12/12/13	7
94	Declaration for (b)(6), (b)(7)(C)	12/05/13	5
95	Declaration for (b)(6), (b)(7)(C)	09/12/13	3
96	Pyramiding steps of Express Yr15 2NS	Undated	1
97	COC for Samples Collected from (b)(6), (b)(7)(C)	09/12/13	3
98	Declaration for (b)(6), (b)(7)(C)	11/13/13	3
99	COC for Samples Collected from (b)(6), (b)(7)(C)	11/13/13	12
100	COC for samples sent from ARS to North Dakota for SNP testing	12/18/13	7
101	Molecular marker analysis for Mon71800 germplasm identification and one Maxell DVD-RW containing the Excel file final report from the ARS lab	12/18/13	9 and 1 disk
102	Monsanto corporate information	09/12/13	17
103	Declaration of (b)(6), (b)(7)(C) pertaining to the review of compliance reports	01/15/14	77
104	E-mail & ROI for MO04015-BR	01/25/13	25
105	Notification pertaining to ROI for MO04015-BR	01/07/02	15
106	United States Patent No. US 6,689,880 B2,	02/10/04	15
107	United States Patent No. US 7,268,274 B2,	09/11/07	16
108	Scientific review supporting MON71800 wheat event limited to single field location	07/01/13	15
109	Declarations and seed destruction verification documents	01/24/14	141
110	PVP Report on Express	05/28/93	19
111	PVP Report on Expresso	12/07/07	14
112	PVP Report on Solano	03/09/07	12
113	PVP Report on WB528	03/09/07	12

114	Information on Avocet	01/24/14	5
115	Varietal Release Report on Madsen	01/07/88	4
116	Varietal Release Report on Rod	03/19/12	3
117	Varietal Release Report on Coda Club	02/04/98	3
118	Declaration of (b)(6), (b)(7)(C) regarding review of Monsanto Notification Final Reports	02/01/14	2
119	Records from NCGRP	Various	16
120	Remedial Action Order	07/25/13	5
121	Validation of the Monsanto Roundup Ready Wheat MON71800 Event Specific End-point TaqMan [®] PCR with <i>acc</i> Internal Control for Seed Pools of 1:15	07/14/13	6
122	Monsanto notification report completed by BRS	07/26/13	1 CD and 2 page email
123	Non-traited versions of varieties used within the Roundup Ready wheat testing	6/12/13	3

From: Fordahl, Timothy R - APHIS
Sent: Saturday, May 04, 2013 1:35 PM
To: Nickerson, Eric S - APHIS; Ramthum, Tracy D - APHIS; (b)(6), (b)(7) - APHIS; (b)(6), (b)(7) - APHIS
Subject: Fw: RR wheat in OR
Attachments: Report to Aphis Roundup Ready Wheat.doc; ATT00001.htm
Importance: High

We need to get a handle on this before it spirals out of control. Probably need to get (b) if not both he and another in OR on Monday. (b) should be able to start the ball rolling as soon as she has enough info to start working on this. It looks like (b) (4), OR is the location of the grower. This will more than likely be a fast paced effort. The target is to prevent the unauthorized movement and/or sale of this wheat and to get this wrapped up (SUBIES'd) within 30 days. Let's pull all stops on this.

From: Juarez, Bernadette R - APHIS
Sent: Saturday, May 04, 2013 08:01 PM
To: Fordahl, Timothy R - APHIS; Nickerson, Eric S - APHIS
Cc: Huttenlocker, Robert J - APHIS; Broyles, Robert J - APHIS
Subject: FW: RR wheat in OR

Tim and Nick:

We need to be prepared to have boots on the ground on Monday to support BRS in whatever way possible and commence our efforts to collect evidence and statements. I plan to give OGC a heads up today given the interest in this matter and the potential need for a subpoena to provide for the inspection of the property.

If you need something from me, please let me know. Please stay in close communication with Ed Jhee and keep me posted on next steps. I foresee an strong interest in frequent updates on this matter.

Thanks,

B.

From: Firko, Michael J - APHIS
Sent: Saturday, May 04, 2013 3:39 PM
To: Gregoire, Michael C - APHIS; Abel, Sidney W - APHIS; Juarez, Bernadette R - APHIS
Subject: RR wheat in OR

Mike, Sid and Bernadette,

Friday afternoon, Ed Jhee received an email from (b)(6) (b)(6), (b)(7) (Oregon State Univ.) concerning a sample of wheat grown in OR she received suspected to contain the RR gene.

The sample tested positive for the RR gene, as per her report (attached).



Apparently, she reported verbally to Ed that when she suggested-I believe, to the grower-that she wanted to come to the property to take samples, he said something along the lines of "you're not welcome, I'll just plow it under."

After Neil Hoffman, Ed Jhee and I talked about the situation, I went over to IES and briefed Bernadette Juarez at about 4:30 pm. I gave her a copy of the attached letter from CMS. She immediately started communicating with Ed and her folks in the field to start getting a handle on the situation. Ed Jhee is our POC.

A little while ago (Saturday, about 2 pm), I received a call from Rebecca Bech. Rebecca had received a call from Katie Coba [?spelling?] (apparently in Oregon) who reported that things were heating up in OR. Apparently, word is starting to circulate among wheat growers in the area, and someone has advised them to sell their wheat ASAP. Since some/much of this wheat goes to China, there is certainly risk of trade problems.

Rebecca told me Katy Coba alerted OSEC (Jennifer Yzak [?spelling?]), about the situation.

Mike

Michael J. Firko, Ph.D.
Associate Deputy Administrator
Biotechnology Regulatory Services (BRS)
Animal and Plant Health Inspection Service (APHIS)
United States Department of Agriculture (USDA)
4700 River Road, Unit 98
Riverdale, MD 20737
Riverdale: (301) 851-3941
DC: (202) 799-7103
BB: (b)(6), (b)(7)(C)

From: Jhee, Edward M - APHIS
Sent: Friday, May 03, 2013 4:10 PM
To: Firko, Michael J - APHIS; Hoffman, Neil E - APHIS
Subject: Fwd: voicemail

Edward M. Jhee, Ph.D.
Director, Regulatory Operations Program
USDA APHIS Biotechnology Regulatory Services
4700 River Road, Unit 91
Riverdale MD 20737
Phone: 301-851-3948
Fax: 301-734-8910
Email: Edward.M.Jhee@aphis.usda.gov

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Begin forwarded message:

From: (b)(6), (b)(7) (b)(6), (b)(7)(C) oregonstate.edu>
Date: May 3, 2013, 3:49:11 PM EDT



To: "Jhee, Edward M - APHIS" <Edward.M.Jhee@aphis.usda.gov>
Subject: RE: voicemail

Ed

I am attaching the information that I have. I cannot vouch for the accuracy of all of the information as noted. The grower information was provided through a third party.

I spoke with (b)(6), (b)(7) with Monsanto.

(b)

(6),

(b) (b)(6), (b)(7)

(7)

(b)(6), (b)(7)(c)

Oregon State University
Corvallis, Oregon 97321

(b)(6), (b)(7)

From: Jhee, Edward M - APHIS [mailto:Edward.M.Jhee@aphis.usda.gov]

Sent: Wednesday, May 01, 2013 12:56 PM

To: (b)(6), (b)(7)

Subject: voicemail

(b)

I just left a voicemail and was hoping to catch you before you leave. Neil Hoffman indicated that you may have discovered something. Could you call me when you get a moment?

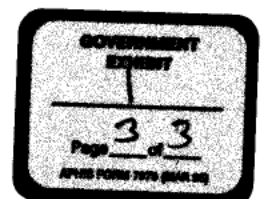
Office: 301-851-3948

Mobile: (b)(6), (b)(7)

Thanks! --Ed

Edward M. Jhee, Ph.D.
Director, Regulatory Operations Program
USDA-APHIS-BRS
4700 River Road, Unit 91
Riverdale, MD 20737
Office: 301-851-3948
Mobile: (b)(6), (b)(7)(C)
Fax: 301-734-8910
edward.m.jhee@aphis.usda.gov

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History

The history of genetically modified (GM) wheat dates back to 1997. On this page, we invite you to learn about Monsanto's history in the development of GM wheat products.

Currently, GM wheat is not being grown on a commercial scale anywhere in the world. Researchers are growing GM wheat in small research trials, and Monsanto is one company with GM wheat in development. This research is in very early research phases and remains at least a decade away from commercial approval. Monsanto has two products in early-stage development—yield-and-stress wheat and herbicide-tolerant wheat. Monsanto is committed to ongoing dialogue with the wheat industry and farmers to support the successful introduction of new technologies thoughtfully.

We follow strict protocols to ensure the proper stewardship of these GM wheat trials.

Roundup Ready Wheat

As Monsanto established its seed business in the 1990s, the company looked at the prospect of developing Roundup Ready wheat, which would be tolerant to applications of Monsanto's Roundup agricultural herbicides, with the active ingredient glyphosate. Monsanto worked with farmers and academics to set up the original Roundup Ready wheat seed trials throughout the United States from 1998 until the program was discontinued.

All field trials of regulated material in the United States are overseen by the United States Department of Agriculture (USDA), including shipment, storage, isolation, separation and monitoring requirements. Monsanto's protocols for Roundup Ready wheat field trials met or exceeded the mandated USDA standards. The company complied with stewardship and regulatory requirements.

After consultation with the wheat value chain, Monsanto decided to defer its efforts to research and commercialize the original Roundup Ready wheat trait in May 2004. Monsanto immediately discontinued all programs including breeding, field research and product development programs. The process for closing out the Roundup Ready wheat program was rigorous, well-documented and audited.

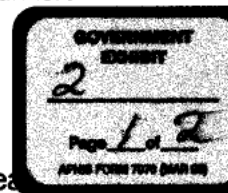
Monsanto's Re-entry into the Wheat Business

Monsanto re-entered the wheat business in 2009 with the purchase of WestBred, a seed company that specializes in wheat seed. Since then, Monsanto researchers have been applying their expertise in conventional and marker-assisted breeding to develop higher-yielding wheat varieties for U.S. farmers. Longer-term, Monsanto anticipates using its biotechnology tools to develop genetically modified wheat with such traits as drought tolerance and herbicide tolerance to help to enhance wheat productivity.

Overall, Monsanto continues to be encouraged by the support for new technologies in wheat, including biotechnology. As research efforts continue, we remain committed to working with the wheat industry and farmers to support the introduction of new technologies.

Timeline of Monsanto and wheat, Roundup Ready Wheat and GM wheat

- | | |
|------------------|--|
| 1997 | Monsanto begins technical development stage of Roundup Ready wheat |
| 1997-2003 | Field testing of Roundup Ready wheat conducted by Monsanto and academic researchers suggests an increased yield potential of 5-15 percent. |



- 2004** FDA issues Biotechnology Consultation Note for Roundup Ready wheat.
- May 10, 2004** Monsanto discontinues Roundup Ready wheat program and wheat research because of lack of commercial opportunities and its desire to refocus on other crops.
- March 2009** Monsanto commits \$10 million to the Monsanto Beachell-Borlaug International Scholars Program, which provides scholarships to students seeking their Ph.D. in rice and wheat plant breeding.
- May 14, 2009** U.S., Canadian and Australian wheat organizations sign statement that pledges they "will work toward the goal of synchronized commercialization of biotech traits in our wheat crops."
- July 14, 2009** Monsanto purchases WestBred, a wheat seed company based in Montana. The acquisition bolsters Monsanto's seeds and traits portfolio and, with new drought- and pest-resistant traits in the R&D pipeline, aims to bring innovations to wheat farmers.
- June 10, 2010** Kansas State and Monsanto partner to improve wheat breeding program
- July 2010** BASF and Monsanto expand research and development collaboration, adding wheat to the biotechnology pipeline.
- January 2011** The first biotech wheat project, a yield and stress trait, since Monsanto's re-entry into the wheat business enters Monsanto's R&D Pipeline.
- January 2013** Herbicide-tolerant wheat project enters Phase 2 of Monsanto's pipeline.
- May 2013** USDA reports it has detected the original Roundup Ready wheat trait in a single field on one farm in Oregon. Monsanto is cooperating with the U.S. Department of Agriculture to get to the bottom of the reported detection.

MORE ON WHEAT

Monsanto's Wheat Platform

Specialty Crop Pipeline

Product Stewardship



(b)(6), (b)(7)(C) - APHIS

From: (b) (6), (b) (7)(C) @monsanto.com>
Sent: Saturday, June 01, 2013 5:05 AM
To: (b)(6), (b)(7)(C) - APHIS
Cc: (b) (6), (b) (7)(C)
Subject: Monsanto Confidential Business Information - MON71800 Field Releases
Attachments: MON71800 Field Releases.pdf

(b) ,

Some of the following information provided in response to this question, and details within the attachment provided, maybe Monsanto Confidential Business Information, when identified as CBI on the initial submission to the agency.

- For each spring wheat event field tested, list the DNA construct used, the name of the wheat variety transformed, the notification and/or permit number for which they were field tested, and the sites where they were planted (i.e., date, location, and acreage).

As per your authorization to focus specifically on MON71800 for the remainder of the questions, attached is the requested details for all MON71800 (Event 1 / 33391) field releases. This list covers all spring and winter wheat trials where MON71800 was present in the trial. (b) (4)

We have not been able to confirm if these addresses are the exact field addresses, or addresses associated with the home location of the organizations. If further details are located, we will provide updates the attached file and resubmit.

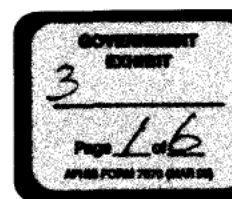
Thanks

(b) (6), (b) (7)(C)

Monsanto Company

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)



(b)(6), (b)(7)(C) Received this Document From:

(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) Monsanto

(via e-mail) on June 1, 2013 at 5:05 AM

MON71800 FIELD RELEASES

USDA ID	Monsanto ID	Site/Farm Name	Approved Address for Release	County	CITY	State	Type	Plant Date	USDA Acres Approved
98-287-07n	98-425XRAB	(b) (4)	(4)	Yuma		AZ	Spring	11/19/1998	2
99-064-15n	99-148XR			Grant		WA	Spring	4/15/1999	5
99-064-15n	99-148XR			Marshall		SD	Spring	5/19/1999	5
99-251-04n	99-680XRAB			Yuma		AZ	Spring	11/2/1999	4
99-266-02n	99-726XRAB			Kern		CA	Spring	12/8/1999	1
99-266-02n	99-726XRAB			Honolulu		HI	Spring	1/24/2000	5
00-040-11n	2000-102XRAB			Ward		ND	Spring	5/23/2000	5
00-041-03n	2000-108XRAB			Pondera		MT	Spring	4/28/2000	5
00-041-06n	2000-111XRAB			Roberts		SD	Spring	4/11/2000	5
00-046-09n	2000-125XRAB			Latah		ID	Spring	4/26/2000	2
00-046-10n	2000-126XRAB			Pondera		MT	Spring	5/16/2000	3
00-046-10n	2000-126XRAB			Gallatin		MT	Spring	5/23/2000	3
00-046-11n	2000-127XRAB			Ramsey		MN	Spring	5/9/2000	3
00-046-11n	2000-127XRAB			Polk		MN	Spring	5/15/2000	3
00-047-03n	2000-131XR			Harvey		KS	Spring	7/10/2000	5
00-053-11n	2000-142XRAB			Adams		ND	Spring	5/10/2000	5
00-053-12n	2000-146XRAB			Wilkin		MN	Spring	4/27/2000	5
00-062-03n	2000-164XRAB			Grant		WA	Spring	4/20/2000	10
00-062-03n	2000-164XRAB			Grant		WA	Spring	4/21/2000	10
00-062-03n	2000-164XRAB			Wilkin		MN	Spring	4/28/2000	5
00-062-03n	2000-164XRAB			McHenry		ND	Spring	5/4/2000	5
00-054-03n	2000-167XRAB			Mountrail		ND	Spring	5/17/2000	5
00-054-03n	2000-167XRAB			Mountrail		ND	Spring	5/16/2000	5
00-054-04n	2000-168XRAB			Williams		ND	Spring	5/15/2000	5
00-054-05n	2000-169XRAB			Yuma		CO	Spring	4/5/2000	5
00-054-06n	2000-170XRAB			Cass		ND	Spring	4/27/2000	5
00-054-07n	2000-171XRAB			Cassia		ID	Spring	4/13/2000	5
00-059-01n	2000-179XRAB			Cass		ND	Spring	5/10/2000	5
00-059-01n	2000-179XRAB			Cass		ND	Spring	5/8/2000	5
00-059-01n	2000-179XRAB			Cass		ND	Spring	5/9/2000	5
00-059-01n	2000-179XRAB			Cass		ND	Spring	5/12/2000	5
00-059-02n	2000-181XRAB			Cass		ND	Spring	5/8/2000	5
00-059-02n	2000-181XRAB			Cass		ND	Spring	5/9/2000	5
00-059-03n	2000-182XRAB			Cass		ND	Spring	5/18/2000	5
00-059-03n	2000-182XRAB			Ramsey		ND	Spring	5/25/2000	5
00-005-01n	2000-1XRAB			Weld		CO	Spring	2/15/2000	2
00-067-08n	2000-238XRAB			Gallatin		MT	Spring	5/4/2000	1
00-195-04n	2000-518XRAB			Honolulu		HI	Spring	9/7/2000	4
00-195-04n	2000-518XRAB			Yuma		AZ	Spring	12/15/2000	10
00-195-05n	2000-519XRAB			Honolulu		HI	Spring	9/7/2000	2
00-195-05n	2000-519XRAB			Honolulu		HI	Spring	12/15/2000	2
00-195-06n	2000-520XRAB			Honolulu		HI	Spring	12/5/2000	2
00-195-06n	2000-520XRAB			Honolulu		HI	Spring	12/5/2000	2
00-199-01n	2000-521XRAB			Honolulu		HI	Spring	9/7/2000	2
00-199-01n	2000-521XRAB			Honolulu		HI	Spring	12/15/2000	2
00-199-02n	2000-522XRAB			Honolulu		HI	Spring	12/5/2000	6
00-222-01n	2000-534XRAB			Jersey		IL	Spring	10/9/2000	2
00-231-09n	2000-568XRAB			Ottawa		KS	Spring	10/12/2000	5
00-231-10n	2000-569XRAB			Payne		OK	Spring	11/17/2000	5
00-231-10n	2000-569XRAB			Payne		OK	Spring	11/21/2000	5
00-234-02n	2000-570XRAB			Yuma		CO	Spring / Winter	10/11/2000	1
00-234-02n	2000-570XRAB			Ellis		KS	Winter	10/10/2000	1
00-234-02n	2000-570XRAB			Sedgwick		KS	Winter	10/11/2000	2
00-234-02n	2000-570XRAB			Walla Walla		WA	Winter	10/13/2000	1
00-234-02n	2000-570XRAB			Payne		OK	Winter	11/17/2000	1
00-234-02n	2000-570XRAB			Latah		ID	Winter	10/24/2000	1
00-243-05n	2000-580XRAB			Walla Walla		WA	Winter	10/15/2000	5
00-262-05n	2000-613XRAB			Kings		CA	Spring	12/6/2000	2

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USDA ID	Monsanto ID	Site/Farm Name	Approved Address for Release	County	CITY	State	Type	Plant Date	USDA Acres Approved
00-034-08n	2000-63XRA8	(b)	(4)	Rio Grande	(b) (4)	CO	Spring	4/17/2000	3
00-034-09n	2000-64XRA8			Brookings	(b) (4)	SD	Spring	5/1/2000	3
00-038-19n	2000-78XRA8			Yellowstone	(b) (4)	MT	Spring	5/16/2000	3
00-038-19n	2000-78XRA8			McHenry	(b) (4)	ND	Spring	5/19/2000	3
00-038-20n	2000-79XRA8			Cass	(b) (4)	ND	Spring	5/17/2000	3
00-039-06n	2000-84XRA8			Adams	(b) (4)	WA	Spring	3/31/2000	5
00-039-06n	2000-84XRA8			Latah	(b) (4)	ID	Spring	5/5/2000	5
00-039-06n	2000-84XRA8			Latah	(b) (4)	ID	Spring	5/5/2000	5
00-039-07n	2000-85XRA8			Spink	(b) (4)	SD	Spring	4/12/2000	5
00-039-09n	2000-88XRA8			Whittman	(b) (4)	WA	Spring	4/5/2000	5
00-039-10n	2000-89XRA8			Walla Walla	(b) (4)	WA	Spring	4/4/2000	5
00-039-11n	2000-90XRA8			Codington	(b) (4)	SD	Spring	4/25/2000	5
00-040-05n	2000-92XRA8			Umatilla	(b) (4)	OR	Spring	3/31/2000	5
00-040-06n	2000-93XRA8			Whitman	(b) (4)	WA	Spring	4/11/2000	5
00-040-09n	2000-97XRA8			Whitman	(b) (4)	WA	Spring	4/3/2000	5
00-040-09n	2000-97XRA8			Umatilla	(b) (4)	OR	Spring	4/5/2000	5
00-040-09n	2000-97XRA8			Whitman	(b) (4)	WA	Spring	4/11/2000	5
01-017-12n	2001-144XRA8			Clark	(b) (4)	SD	Spring	5/2/2001	5
01-017-12n	2001-144XRA8			Spink	(b) (4)	SD	Spring	5/3/2001	5
01-022-10n	2001-191XRA8			Foster	(b) (4)	ND	Spring	5/11/2001	5
01-022-11n	2001-192XRA8			Foster	(b) (4)	ND	Spring	5/11/2001	10
01-022-11n	2001-192XRA8			Cass	(b) (4)	ND	Spring	5/18/2001	10
01-022-13n	2001-199XRA8			Cavalier	(b) (4)	ND	Spring	5/9/2001	5
01-022-15n	2001-201XRA8			La Moure	(b) (4)	ND	Spring	5/3/2001	10
01-022-15n	2001-201XRA8			Wells	(b) (4)	ND	Spring	5/5/2001	10
01-022-15n	2001-201XRA8			Cass	(b) (4)	ND	Spring	5/28/2001	10
01-022-15n	2001-201XRA8			Cass	(b) (4)	ND	Spring	5/31/2001	10
01-022-16n	2001-202XRA8			Ward	(b) (4)	ND	Spring	5/8/2001	5
01-022-17n	2001-204XRA8			Burke	(b) (4)	ND	Spring	5/9/2001	5
01-022-17n	2001-204XRA8			Mountrail	(b) (4)	ND	Spring	5/12/2001	5
01-022-18n	2001-206XRA8			Cass	(b) (4)	ND	Spring	5/31/2001	5
01-024-20n	2001-248XRA8			Brookings	(b) (4)	SD	Spring	5/11/2001	20
01-024-20n	2001-248XRA8			Codington	(b) (4)	SD	Spring	5/30/2001	20
01-024-22n	2001-250XRA8			Dakota	(b) (4)	MN	Spring	5/15/2001	7
01-024-23n	2001-252XRA8			Grant	(b) (4)	WA	Spring	4/19/2001	7
01-024-23n	2001-252XRA8			Grant	(b) (4)	WA	Spring	4/23/2001	5
01-024-25n	2001-280XRA8			Whitman	(b) (4)	WA	Spring	5/8/2001	2
01-025-10n	2001-284XRA8			Gallatin	(b) (4)	MT	Spring	5/9/2001	15
01-037-11n	2001-338XRA8			Adams	(b) (4)	WA	Spring	4/5/2001	5
01-037-11n	2001-338XRA8			Latah	(b) (4)	ID	Spring	4/23/2001	5
01-037-11n	2001-338XRA8			Latah	(b) (4)	ID	Spring	5/11/2001	5
01-037-12n	2001-339XRA8			Walla Walla	(b) (4)	WA	Spring	4/17/2001	2
01-037-12n	2001-339XRA8			Pondera	(b) (4)	MT	Spring	4/25/2001	2
01-037-12n	2001-339XRA8			Gallatin	(b) (4)	MT	Spring	4/25/2001	2
01-037-12n	2001-339XRA8			Pondera	(b) (4)	MT	Spring	4/28/2001	2
01-037-12n	2001-339XRA8			Gallatin	(b) (4)	MT	Spring	5/4/2001	2
01-040-03n	2001-345XRA8			Payette	(b) (4)	ID	Spring	5/1/2001	1
01-040-03n	2001-345XRA8			Marshall	(b) (4)	SD	Spring	5/11/2001	1
01-040-03n	2001-345XRA8			Wilkin	(b) (4)	MN	Spring	5/12/2001	1
01-040-03n	2001-345XRA8			McHenry	(b) (4)	ND	Spring	5/14/2001	1
01-046-18n	2001-356XRA8			Whitman	(b) (4)	WA	Spring	4/25/2001	2
01-046-18n	2001-356XRA8			Gallatin	(b) (4)	MT	Spring	5/4/2001	2
01-046-18n	2001-356XRA8			McHenry	(b) (4)	ND	Spring	5/11/2001	2
01-046-18n	2001-356XRA8			Brookings	(b) (4)	SD	Spring	5/17/2001	2
01-046-19n	2001-357XRA8			Polk	(b) (4)	MN	Spring	5/14/2001	5
046-20n	2001-362XRA8			Grant	(b) (4)	WA	Spring	4/12/2001	20
046-21n	2001-363XRA8			Grant	(b) (4)	WA	Spring	4/12/2001	2
053-07n	2001-411XRA8			Rio Grande	(b) (4)	CO	Spring	5/16/2001	2

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USDA ID	Monsanto ID	Site/Farm Name	Approved Address for Release	County	CITY	State	Type	Plant Date	USDA Acres Approved
01-053-09n	2001-416XRAB	(b) (4)	(4)	Stevens	(b) (4)	MN	Spring	5/10/2001	2
01-053-09n	2001-416XRAB			McHenry		ND	Spring	5/11/2001	2
01-053-09n	2001-416XRAB			Cass		ND	Spring	5/14/2001	2
01-053-09n	2001-416XRAB			Polk		MN	Spring	5/16/2001	2
01-053-09n	2001-416XRAB			Brookings		SD	Spring	5/16/2001	2
	2001-416XRAB			Brookings		SD	Spring	5/16/2001	
01-053-09n	2001-416XRAB			Codington		SD	Spring	5/30/2001	2
01-066-03n	2001-437XRAB			Ramsey		MN	Spring	4/28/2001	2
01-234-08n	2001-606XRAB			Imperial		CA	Spring	11/9/2001	200
01-016-18n	2001-60XRAB			Bannock		ID	Spring	4/30/2001	5
01-236-02n	2001-613XRAB			Honolulu		HI	Spring	10/19/2001	5
01-236-04n	2001-615XRAB			Imperial		CA	Spring	11/7/2001	4
01-016-19n	2001-62XRAB			Twin Falls		ID	Spring	4/11/2001	5
01-016-19n	2001-62XRAB			Twin Falls		ID	Spring	4/11/2001	
01-017-01n	2001-64XRAB			Walla Walla		WA	Spring	3/21/2001	5
	2001-64XRAB			Walla Walla		WA	Spring	3/21/2001	
	2001-64XRAB			Walla Walla		WA	Spring	3/21/2001	
	2001-64XRAB			Walla Walla		WA	Spring	3/23/2001	
	2001-64XRAB			Walla Walla		WA	Spring	4/10/2001	
01-016-20n	2001-67XRAB			Whitman		WA	Spring	4/20/2001	5
	2001-67XRAB			Whitman		WA	Spring	4/20/2001	
01-016-22n	2001-71XRAB			Umatilla		OR	Spring	3/30/2001	5
01-016-23n	2001-72XRAB			Fergus		MT	Spring	4/19/2001	5
01-016-23n	2001-72XRAB			Gallatin		MT	Spring	4/23/2001	5
	2001-72XRAB			Gallatin		MT	Spring	5/2/2001	
01-016-24n	2001-73XRAB			Yellowstone		MT	Spring	3/23/2001	5
01-016-25n	2001-74XRAB			Teton		MT	Spring	4/24/2001	5
01-016-25n	2001-74XRAB			Pondera		MT	Spring	4/25/2001	5
01-016-26n	2001-77XRAB			Codington		SD	Spring	4/26/2001	5
01-352-05n	2001-806XRAB			Walla Walla		WA	Spring	4/2/2002	5
01-353-18n	2001-808XRAB			Bannock		ID	Spring	5/3/2002	5
02-032-07n	2001-811XRAB			Yellowstone		MT	Spring	4/9/2002	5
02-032-07n	2001-811XRAB			Gallatin		MT	Spring	4/23/2002	5
02-032-07n	2001-811XRAB			Judith Basin		MT	Spring	4/30/2002	5
02-032-07n	2001-811XRAB			Pondera		MT	Spring	5/1/2002	5
01-016-30n	2001-90XRAB			Williams		ND	Spring	5/11/2001	5
02-018-19n	2002-211XRAB			Adams		WA	Spring	4/5/2002	2
02-018-19n	2002-211XRAB			Whitman		WA	Spring	5/2/2002	2
02-022-57n	2002-256XRAB			Cass		ND	Spring	5/7/2002	10
02-022-57n	2002-256XRAB			Foster		ND	Spring	5/14/2002	10
02-022-57n	2002-256XRAB			Cass		ND	Spring	5/14/2002	10
02-022-57n	2002-256XRAB			Cavaller		ND	Spring	5/16/2002	10
02-022-57n	2002-256XRAB			Cass		ND	Spring	5/19/2002	10
02-022-57n	2002-256XRAB			Cass		ND	Spring	5/20/2002	10
02-022-57n	2002-256XRAB			Burke		ND	Spring	5/26/2002	3
02-022-58n	2002-257XRAB			Spink		SD	Spring	4/17/2002	5
02-022-58n	2002-257XRAB			Codington		SD	Spring	4/23/2002	5
02-022-59n	2002-258XRAB			Polk		MN	Spring	5/3/2002	10
02-022-60n	2002-259XRAB			Thomas		KS	Spring	3/29/2002	10
02-022-60n	2002-259XRAB			Lincoln		NE	Spring	4/1/2002	10
02-022-60n	2002-259XRAB			Scotts Bluff		NE	Spring	4/1/2002	10
02-022-60n	2002-259XRAB			Goshen		WY	Spring	4/4/2002	10
02-022-60n	2002-259XRAB			Larimer		CO	Spring	4/12/2002	10
02-046-17n	2002-379XRAB			Stevens		MN	Spring	4/26/2002	3
046-17n	2002-379XRAB			Ramsey		MN	Spring	5/2/2002	3
046-17n	2002-379XRAB			Polk		MN	Spring	5/17/2002	3
046-18n	2002-382XRAB			Lincoln		WA	Spring	5/1/2002	3
046-27n	2002-410XRAB			Codington		SD	Spring	5/14/2002	3

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MON71800 FIELD RELEASES

UDSA ID	Monsanto ID	Site/Farm Name	Approved Address for Release	County	CITY	State	Type	Plant Date	USDA Acres Approved
02-046-27n	2002-410XRAB	(b)(4)		Brookings	(b)(4)	SD	Spring	5/16/2002	4
02-046-30n	2002-417XRAB			Foster	(b)(4)	ND	Spring	5/14/2002	10
02-051-12n	2002-424XRAB			Fergus	(b)(4)	MT	Spring	5/2/2002	3
02-051-12n	2002-424XRAB			Teton	(b)(4)	MT	Spring	5/4/2002	6
02-051-12n	2002-424XRAB			Gallatin	(b)(4)	MT	Spring	5/17/2002	8
02-051-19n	2002-457XRAB			Cavalier	(b)(4)	ND	Spring	5/16/2002	3
02-051-19n	2002-457XRAB			Cass	(b)(4)	ND	Spring	5/22/2002	5
02-060-06n	2002-487XRAB			Rio Grande	(b)(4)	CO	Spring	5/24/2002	10
02-093-07n	2002-562XRAB			Gallatin	(b)(4)	MT	Spring	5/13/2002	5
02-093-07n	2002-562XRAB			Pondera	(b)(4)	MT	Spring	5/14/2002	4
02-220-18n	2002-728XRAB			Honolulu	(b)(4)	HI	Spring	12/10/2002	5
02-231-13n	2002-738XRAB			Thomas	(b)(4)	KS	Winter	9/25/2002	10
02-231-13n	2002-738XRAB			Lincoln	(b)(4)	NE	Winter	10/7/2002	10
02-263-15n	2002-829XRAB			Imperial	(b)(4)	CA	Spring	11/15/2002	10
02-009-09n	2002-98XRAB			Yuma	(b)(4)	CO	Winter	2/22/2002	1
03-023-13n	2003-106XRAB			Bingham	(b)(4)	ID	Spring	5/12/2003	5
03-023-14n	2003-107XRAB			Ramsey	(b)(4)	MN	Spring	4/24/2003	5
03-023-14n	2003-107XRAB			Stevens	(b)(4)	MN	Spring	4/25/2003	5
03-023-14n	2003-107XRAB			Polk	(b)(4)	MN	Spring	5/2/2003	5
03-015-07n	2003-18XRAB			Spink	(b)(4)	SD	Spring	4/23/2003	10
03-015-07n	2003-18XRAB			Codington	(b)(4)	SD	Spring	4/23/2003	10
03-015-08n	2003-19XRAB			Walla Walla	(b)(4)	WA	Spring	3/31/2003	5
	2003-19XRAB			Walla Walla	(b)(4)	WA	Spring	4/15/2003	
03-052-24n	2003-200XRAB			Brookings	(b)(4)	SD	Spring	4/29/2003	5
03-052-24n	2003-200XRAB			Codington	(b)(4)	SD	Spring	5/1/2003	5
03-052-27n	2003-205XRAB			Cavalier	(b)(4)	ND	Spring	5/12/2003	5
03-052-27n	2003-205XRAB			Cass	(b)(4)	ND	Spring	5/31/2003	6
03-052-28n	2003-206XRAB			Fergus	(b)(4)	MT	Spring	4/28/2003	4
03-052-28n	2003-206XRAB			Gallatin	(b)(4)	MT	Spring	5/9/2003	6
03-052-28n	2003-206XRAB			Teton	(b)(4)	MT	Spring	5/12/2003	4
03-052-28n	2003-206XRAB			Gallatin	(b)(4)	MT	Spring	5/21/2003	8
03-021-04n	2003-20XRAB			Bingham	(b)(4)	ID	Spring	4/16/2003	5
03-021-04n	2003-20XRAB			Bannock	(b)(4)	ID	Spring	5/6/2003	5
03-015-10n	2003-22XRAB			Cass	(b)(4)	ND	Spring	4/28/2003	10
03-015-10n	2003-22XRAB			Cass	(b)(4)	ND	Spring	5/3/2003	10
03-015-10n	2003-22XRAB			Cavalier	(b)(4)	ND	Spring	5/12/2003	10
03-015-10n	2003-22XRAB			Cass	(b)(4)	ND	Spring	5/13/2003	10
03-015-10n	2003-22XRAB			Cass	(b)(4)	ND	Spring	5/16/2003	10
03-015-10n	2003-22XRAB			Foster	(b)(4)	ND	Spring	5/16/2003	10
03-015-10n	2003-22XRAB			Mountrail	(b)(4)	ND	Spring	5/21/2003	10
03-022-01n	2003-23XRAB			Yellowstone	(b)(4)	MT	Spring	4/9/2003	10
03-022-01n	2003-23XRAB			Gallatin	(b)(4)	MT	Spring	4/11/2003	10
03-022-01n	2003-23XRAB			Cascade	(b)(4)	MT	Spring	4/24/2003	5
03-022-01n	2003-23XRAB			Pondera	(b)(4)	MT	Spring	4/28/2003	10
03-022-01n	2003-23XRAB			Judith Basin	(b)(4)	MT	Spring	5/14/2003	10
03-052-52n	2003-241XRAB			Polk	(b)(4)	MN	Spring	5/27/2003	4
03-021-05n	2003-24XRAB			Polk	(b)(4)	MN	Spring	5/1/2003	10
03-052-59n	2003-250XRAB			McHenry	(b)(4)	ND	Spring	4/21/2003	10
03-052-59n	2003-250XRAB			Grant	(b)(4)	WA	Spring	4/22/2003	10
03-052-59n	2003-250XRAB			Marshall	(b)(4)	SD	Spring	4/25/2003	10
03-052-59n	2003-250XRAB			Wilkin	(b)(4)	MN	Spring	4/26/2003	10
03-052-59n	2003-250XRAB			Fremont	(b)(4)	ID	Spring	5/15/2003	10
03-058-02n	2003-256XRAB			Marshall	(b)(4)	MN	Spring	5/27/2003	30
03-064-09n	2003-274XRAB			Toole	(b)(4)	MT	Spring	4/22/2003	5
03-080-02n	2003-298XRAB			Hill	(b)(4)	MT	Spring	4/23/2003	5
03-209-03n	2003-414XRAB			Honolulu	(b)(4)	HI	Spring	10/27/2003	5
	2003-414XRAB			Honolulu	(b)(4)	HI	Spring	12/22/2003	
03-258-16n	2003-506XRAB			Imperial	(b)(4)	CA	Spring	11/14/2003	20

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MON71800 FIELD RELEASES

USDA ID	Monsanto ID	Site/Farm Name	Approved Address for Release	County	CITY	State	Type	Plant Date	USDA Acres
03-283-02n	2003-544XRAB	(b)(4)		Yolo	(b)(4)	CA	Spring	12/18/2003	2
03-283-02n	2003-544XRAB			Fresno	(b)(4)	CA	Spring	1/16/2004	2
03-021-24n	2003-55XRAB			Adams	(b)(4)	WA	Spring	3/21/2003	4
03-021-24n	2003-55XRAB			Lincoln	(b)(4)	WA	Spring	4/25/2003	5.5
03-021-24n	2003-55XRAB			Whitman	(b)(4)	WA	Spring	5/7/2003	5.5
03-357-01n	2003-648XRAB			Grant	(b)(4)	WA	Spring	4/15/2004	20
04-034-03n	2004-155XRAB			Codington	(b)(4)	SD	Spring	4/28/2004	6
04-034-03n	2004-155XRAB			Polk	(b)(4)	MN	Spring	5/3/2004	4
04-034-03n	2004-155XRAB			Stevens	(b)(4)	MN	Spring	5/3/2004	4
04-034-03n	2004-155XRAB			Ramsey	(b)(4)	MN	Spring	5/4/2004	6
04-034-03n	2004-155XRAB			Brookings	(b)(4)	SD	Spring	5/5/2004	6
04-015-09n	2004-32XRAB			Walla Walla	(b)(4)	WA	Spring	3/17/2004	10
04-015-10n	2004-33XRAB			Bingham	(b)(4)	ID	Spring	4/14/2004	10
04-015-11n	2004-34XRAB			Gallatin	(b)(4)	MT	Spring	4/12/2004	5
04-015-11n	2004-34XRAB			Pondera	(b)(4)	MT	Spring	4/14/2004	10
04-062-02n	2004-363XRAB			Adams	(b)(4)	ND	Spring	4/27/2004	4
04-062-02n	2004-363XRAB			Ward	(b)(4)	ND	Spring	4/27/2004	4
04-062-02n	2004-363XRAB			Cass	(b)(4)	ND	Spring	5/4/2004	8
04-021-05n	2004-36XRAB			Cass	(b)(4)	ND	Spring	4/30/2004	10
04-021-05n	2004-36XRAB			Cass	(b)(4)	ND	Spring	5/3/2004	10
04-021-05n	2004-36XRAB			Cass	(b)(4)	ND	Spring	5/4/2004	10
04-064-07n	2004-375XRAB			McHenry	(b)(4)	ND	Spring	4/30/2004	5
04-064-07n	2004-375XRAB			Roosevelt	(b)(4)	MT	Spring	5/1/2004	5
04-015-13n	2004-39XRAB			Mountrail	(b)(4)	ND	Spring	4/30/2004	10
04-015-14n	2004-40XRAB			Codington	(b)(4)	SD	Spring	4/12/2004	10
04-015-14n	2004-40XRAB			Spink	(b)(4)	SD	Spring	4/27/2004	10
04-009-03n	2004-6XRAB			Whitman	(b)(4)	WA	Spring	4/7/2004	6
04-009-03n	2004-6XRAB			Teton	(b)(4)	MT	Spring	4/12/2004	4
04-009-03n	2004-6XRAB			Fergus	(b)(4)	MT	Spring	4/13/2004	4
04-009-03n	2004-6XRAB			Gallatin	(b)(4)	MT	Spring	4/14/2004	6
05-067-02n	2005-297XRAB			Walla Walla	(b)(4)	WA	Spring	4/16/2005	1

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From: (b) (6), (b) (7)(C) @monsanto.com>
Sent: Tuesday, May 28, 2013 7:16 PM
To: (b)(6), (b)(7) - APHIS
Cc: (b) (6), (b) (7)(C)
Subject: Monsanto Confidential Business Information - CP4 Constructs, Plasmid Maps, & Events Field Tested
Attachments: Wheat CP4 Constructs & Events Field Tested v5.28.13.pdf; Wheat CP4 Construct Plasmid Maps v5.28.13.pdf

(b)

All of the following information provided in response to this question, and the attachments provided are Monsanto Confidential Business Information. This information is pre-commercial, has not been made publicly available, and remains confidential to Monsanto.

- Identify all DNA constructs containing the CP4 gene that were transformed into wheat in addition to the constructs described for events 1-4. Provide plasmid maps for these DNA constructs.
- Identify all wheat events made with these constructs that were field tested.

(b)(4)

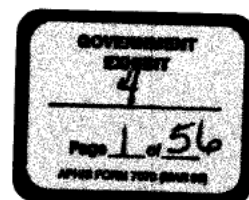
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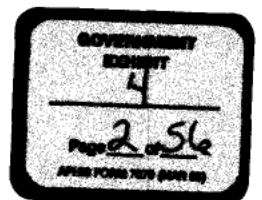


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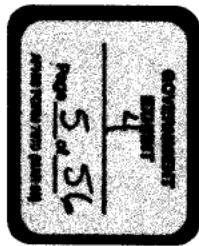
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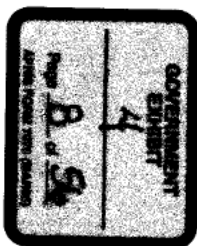
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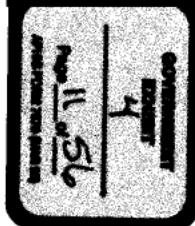
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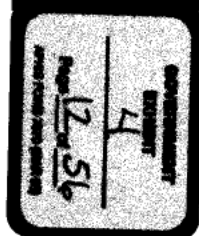
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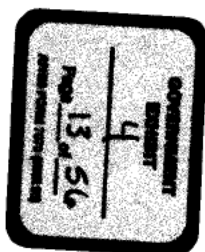
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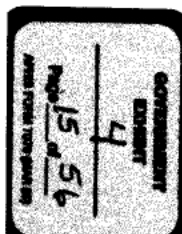
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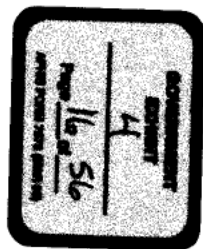
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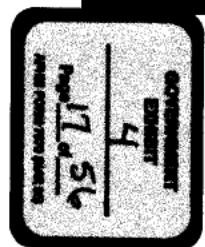
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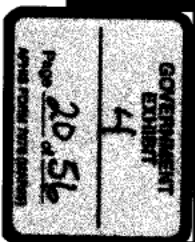
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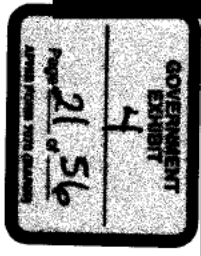
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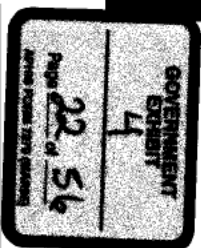
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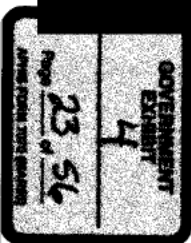
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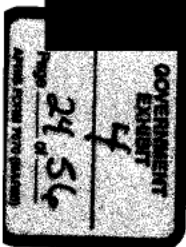
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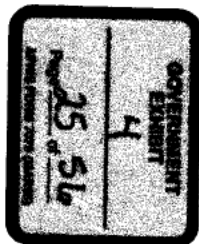
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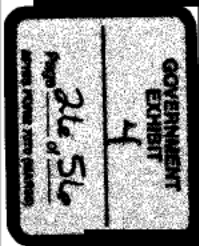
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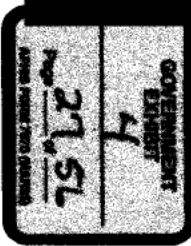
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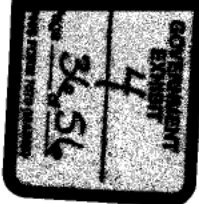
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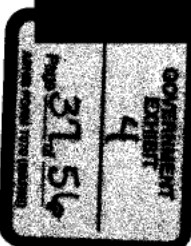
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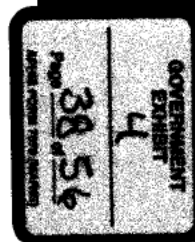
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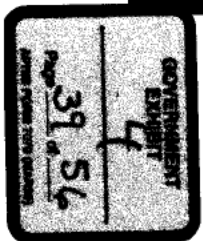
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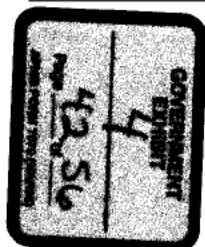


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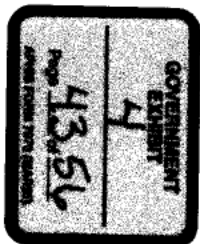
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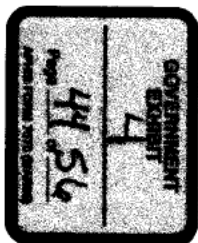
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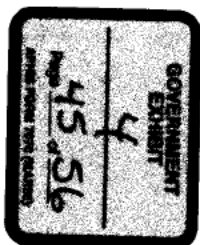
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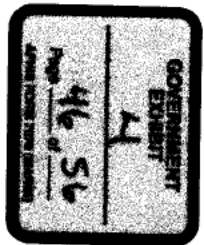
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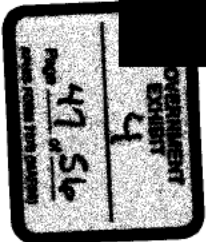
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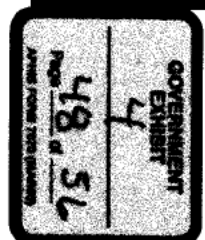
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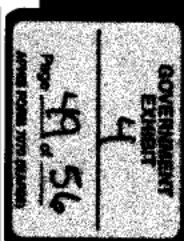
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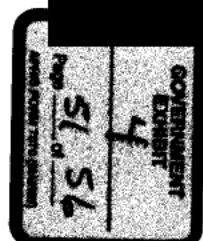
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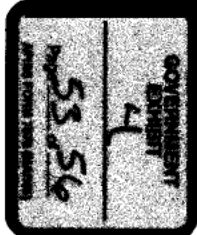
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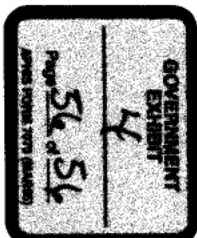
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Edward M. Jhee, Ph.D.
Director, Regulatory Operations Program
USDA-APHIS-BRS
4700 River Road, Unit 91
Riverdale, MD 20737

Report on suspected Roundup Ready Wheat in Oregon Submitted by (b) (b)(6), (b)(7)(C)

(b) (4)

Contact information:

Field consultant:

(b) (4), (b) (6), (b) (7)(C)

(b) (4), (b) (6), (b) (7)(C) WA (b) (4), (b) (6), (b) (7)(C)

Phone:

(b) (4), (b) (6), (b) (7)(C) – office

(b) (4), (b) (6), (b) (7)(C) – cell

Grower:

(b) (4), (b) (6), (b) (7)(C)

OR

Phone:

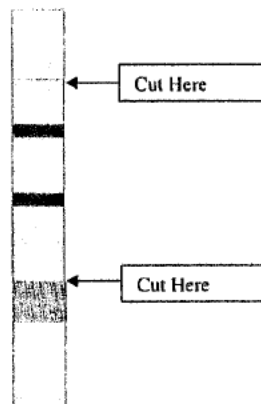
(b) (4), (b) (6), (b) (7)(C)

OR120018_BR_000172



Archiving Test Strips

If it is desired to archive test strip results, cut off the bottom and top strip pads as illustrated to the left within one (1) hour of test completion.



Exclusion of Warranty Statement

The user assumes all risk in using Romer Labs®, Inc. products and services. Romer® Labs, Inc. will warrant that its products and services meet all quality control standards set by Romer Labs®, Inc., and Romer Labs®, Inc. will, at its option, repair or replace any product, components, or repeat services which prove to be defective in workmanship or material within product specific warranty periods or expiration dates and which our examination shall disclose to our satisfaction to be defective as such. This warranty is expressly in lieu of all other warranties, expressed or implied, as to description, quality, merchantability, fitness for any particular purpose, productiveness, or any other matter. Romer Labs®, Inc. shall be in no way responsible for the proper use of its products. Romer Labs®, Inc. hereby disclaims all other remedies, warranties, guarantees or liabilities, expressed or implied, arising by law or otherwise, and it shall have no liability for any lost profits or damage, direct, indirect or otherwise, to person or property, in connection with the use of any of its products or services. This warranty shall not be extended, altered or varied except by a written instrument signed by an authorized representative of Romer Labs®, Inc.

For Technical Service Call:

Romer Labs®, Inc.

1301 Stylemaster Dr.

Union, MO 63084

Phone: (636) 583-8600

Fax: (636) 583-2340



WITH TECHNOLOGY BY



SOYBEAN, SUGARBEET & ALFALFA - SEED & LEAF

AgraStrip® RUR Strip Test Seed & Leaf

Part Number 7000017



Intended Use

The intended use of the kit is the qualitative (yes/no) determination of the CP4 EPSPS protein in leaf and seed samples of Roundup Ready® crops such as soybean, cotton, canola, and sugarbeet.

Product Description

The AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ Test Kit detects the CP4 EPSPS protein produced by a gene, derived from *Agrobacterium* sp. strain CP4. This gene has been incorporated into herbicide-resistant crops in the Roundup Ready® and Roundup Ready® 2 brands (RUR) from Monsanto and other companies. The lateral flow strips and other kit components are sufficient to detect the presence or absence of the CP4 EPSPS protein in both field and laboratory environments.

Principle of the Assay

The assay uses a double antibody sandwich format. Antibodies specific to the CP4 EPSPS protein are coupled to a color reagent and incorporated into the lateral flow strip. When the lateral flow strip is placed in a small amount of an extract from plant tissue that contains CP4 EPSPS protein, binding occurs between the coupled antibody and the protein. A sandwich is formed with some, but not all the antibody that is coupled to the color reagent. The membrane contains two capture zones, one captures the bound CP4 EPSPS protein and the other captures color reagent. These capture zones display a reddish color when the sandwich and/or unreacted colored reagents are captured in the specific zones on the membrane. The presence of only one line (control line) on the membrane indicates a negative sample and the presence of two lines indicates a positive sample.

Contents of Kit

AgraStrip® RUR Strip Test Seed & Leaf - Trait✓
Conical microtubes, 1.5mL (COOLS2005)
Stirrers for mixing leaf samples (COOLS0251)
Weigh paper or waxed paper (COOLS0050)

Quantity

100
100
100
100

Materials Required but not Supplied:

Conical microtube rack (EQOLE1215)
Timer (EQOLE1301)
Pliers for crushing seeds



(b)(6), (b)(7)(C) received this document from:
(b)(6), (b)(7)(C) Oregon State University
(C) on 05/07/13. MS

Storage and Preparation of Reagents

The AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ can be stored at room temperature or refrigerated (2 - 25°C). Do not freeze. Once opened, the AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ lateral flow test strips must be stored in the closed canister with the moisture-indicating card. The moisture-indicating card must be blue in color. If the moisture-indicating card is pink, contact Romer® Labs, Inc. Technical Service. Storage conditions higher than room temperature may adversely affect performance.

Purpose

The AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ Test Kit has been designed to screen seed and leaf samples for the presence of the CP4 EPSPS protein. Sample preparation procedures are outlined below. Please refer to the instructions to be sure that all of the necessary materials are available prior to testing.

Single Seed Sample Preparation and Analysis

1. Place a seed on a piece of weigh paper or waxed paper.
2. Fold the paper over the seed and crack or smash into small pieces using pliers or other suitable means.
3. Put the cracked seed into a 1.5-mL sample tube and add 0.75mL of water to the tube.
4. Let the tube stand for 3-5 minutes while shaking intermittently or stirring with the stirrer.
5. Insert the labeled Filter Cover of the AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ lateral flow test strip into the sample tube containing the seed sample extract. The arrows on the filter cover should point into the tube. Allow the test strip to remain in the tube in an upright position for 5 minutes.
6. Proceed to Interpreting the Lateral Flow Test Strip.

Leaf Sample Preparation and Analysis

1. Place a fresh leaf between the body and cap of a 1.5 mL sample tube and snap the cap into place.
2. Open the cap and remove the excess leaf tissue from around the tube opening.
3. Push the leaf tissue discs into the tube with the stirrer. (This provides about 10-20 mg of leaf tissue. The appropriate amount of tissue may be obtained by other means.)
4. Add 0.5 mL (to the top of the tapered part of the tube) of water to the sample tube containing the leaf sample.
5. Macerate the leaf material with a clean stirrer for one minute.
6. Insert the labeled Filter Cover of the AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ lateral flow test strip into the sample tube containing the leaf sample extract. The arrows on the filter cover should point into the tube. Allow the test strip to remain in the tube in an upright position for 5 minutes.
7. Proceed to Interpreting the Lateral Flow Test Strip.

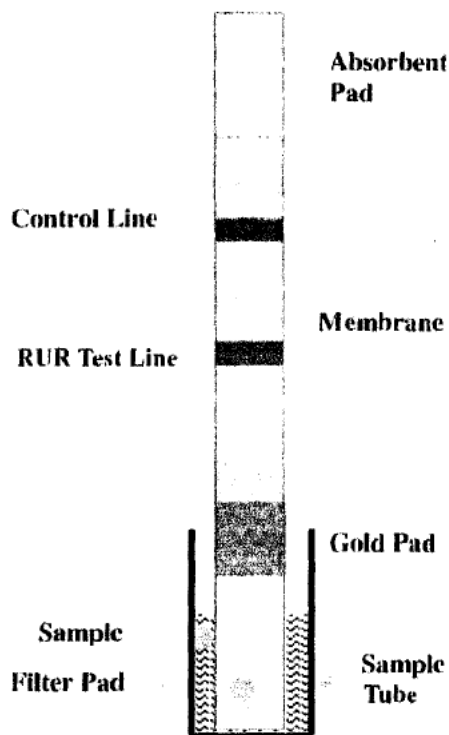
The AgraStrip® RUR Strip Test Seed & Leaf - Trait✓ test is sensitive. Be sure not to contaminate the leaf sample discs by touching them with your fingers, or other material that may have touched another leaf sample.

Note: Some leaf samples may produce a light brown or greenish-yellow color at the test line. **This is a negative result.** A positive result produces a distinct reddish color.

Interpreting the Lateral Flow Strip Test

Check the test strips 5 minutes after inserting the strip. At least one line, the Control Line, should always develop approximately one (1) cm up from the bottom sample pad. A red line in this position indicates that the strip is functioning properly. A red line appearing below the Control Line is the RUR Test Line and indicates a positive result for CP4 EPSPS protein. If the test strip displays two (2) red lines, the test is complete and the sample is positive for the RUR trait. If at 5 minutes the test strip only shows a clearly visible Control Line, then the sample is negative for the RUR transgenic trait. If no control line develops, the result is inconclusive and needs to be repeated.

Illustration of Lateral Flow Strips



Example of an unreacted, negative (1-line) and positive (2-lines) test strip

(b)(6), (b)(7)(C) received this document from:
(b)(6), (b)(7)(C) Oregon State University
(7)(C) on 05/07/13. *MSD*

AgraStrip® RUR



Description:

Strip Part Number: 3000082
Kit Part Numbers: 7000014, 7000017
Lot #: 12D1099
Expiry Date: October 2013

Intended use:

- Analysis of sample extracts for the presence of the CP4 EPSPS proteins.

Storage:

The strips should be stored tightly sealed in their original container at all times. The strips should be stored at room temperature or refrigerated (approx 2°C - 25°C) between uses.

Certified values and their uncertainties:

The test kit was analyzed and the following criteria were met:

- Non-GMO soybean samples all read non-detect at 5 minutes and 60 minutes (no false positives).
- Positive Control soybean samples at the LOD level of 0.1% all read positive at 5 minutes with no false negatives.
- All strips tested showed a visible control line.

Exclusion of Warranty Statement

The user assumes all risk in using Romer Labs®, Inc. products and services. Romer Labs®, Inc. will warrant that its products and services meet all quality control standards set by Romer Labs®, Inc., and Romer Labs®, Inc. will, at its option, repair or replace any product, components, or repeat services which prove to be defective in workmanship or material within product specific warranty periods or expiration dates and which our examination shall disclose to our satisfaction to be defective as such. This warranty is expressly in lieu of all other warranties, expressed or implied, as to description, quality, merchantability, fitness for any particular purpose, productiveness, or any other matter. Romer Labs®, Inc. shall be in no way responsible for the proper use of its products. Romer Labs®, Inc. hereby disclaims all other remedies, warranties, guarantees or liabilities, expressed or implied, arising by law or otherwise, and it shall have no liability for any lost profits or damage, direct, indirect or otherwise, to person or property, in connection with the use of any of its products or services. This warranty shall not be extended, altered or varied except by a written instrument signed by an authorized representative of Romer Labs®, Inc.

Approved for release by:

Donna Houchins

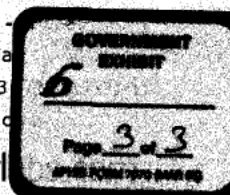
date: 25 June 2012

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e-Mail: office-europe@romerlabs.com

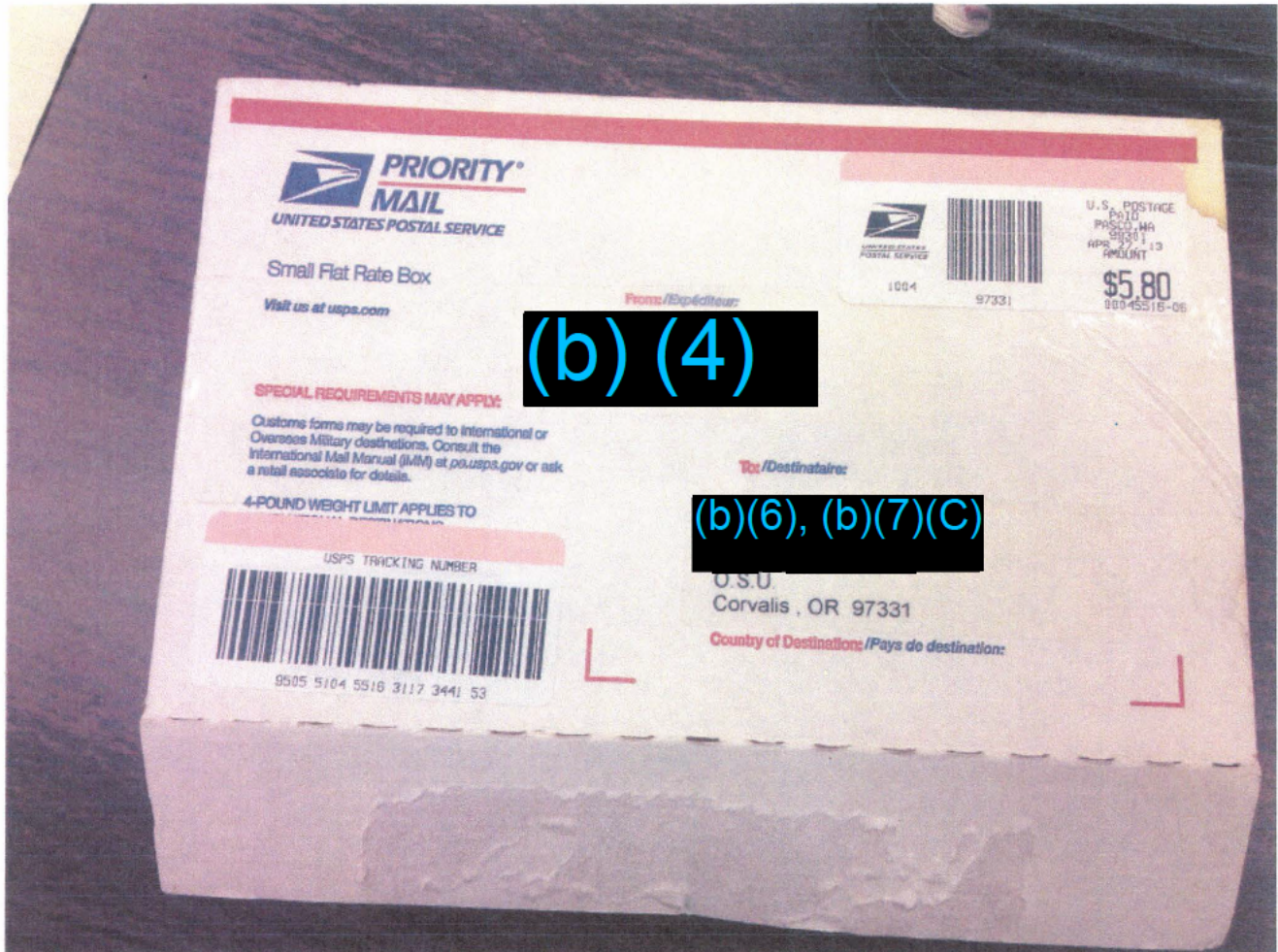
www.romerlabs.com



(b)(6), (b)(7)(C) received this document from:
(b)(6), (b)(7)(C), Oregon State University
on 05/07/13. *MS*

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: IMG- Photo 2.JPG



LOCATION: Oregon State University, (b)(6), (b)(7)(C), Corvallis, Oregon

EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5

DESCRIPTION OF PHOTOGRAPH: Shipping box used to send 24 wheat heads for glyphosate testing.

DATE OF PHOTOGRAPH: 05/07/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C) Investigator, USDA APHIS IES

SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C)

DATE: 05/07/13

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: IMG- Photo 3.JPG



LOCATION: Oregon State University, (b)(6), (b)(7)(C), Corvallis, Oregon

EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5

DESCRIPTION OF PHOTOGRAPH: Close up of postage label on the shipping box used to send 24 wheat heads for glyphosate testing.

DATE OF PHOTOGRAPH: 05/07/13

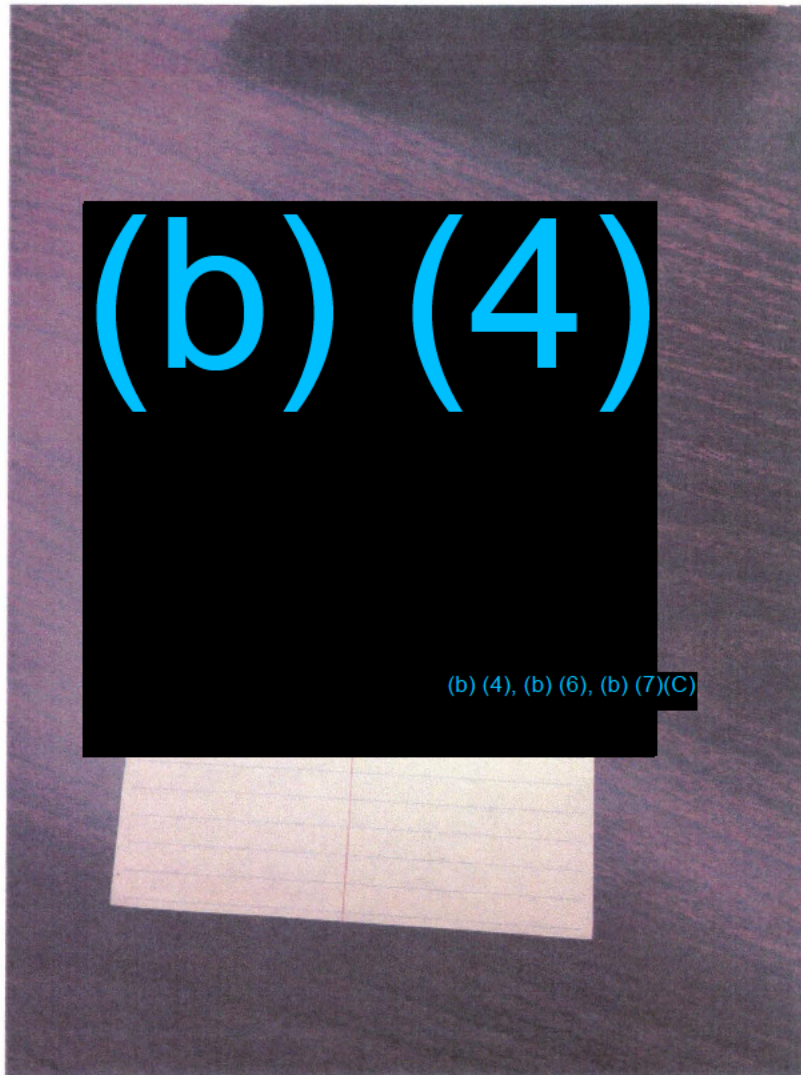
PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), Investigator, USDA APHIS IES

SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C)

DATE: 05/07/13

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE
PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: IMG- Photo 4.JPG



LOCATION: Oregon State University, (b)(6), (b)(7)(C), Corvallis, Oregon

EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5

DESCRIPTION OF PHOTOGRAPH: Note and business card that accompanied the samples sent in for glyphosate testing.

DATE OF PHOTOGRAPH: 05/07/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), Investigator, USDA APHIS IES

SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C) DATE: 05/07/13

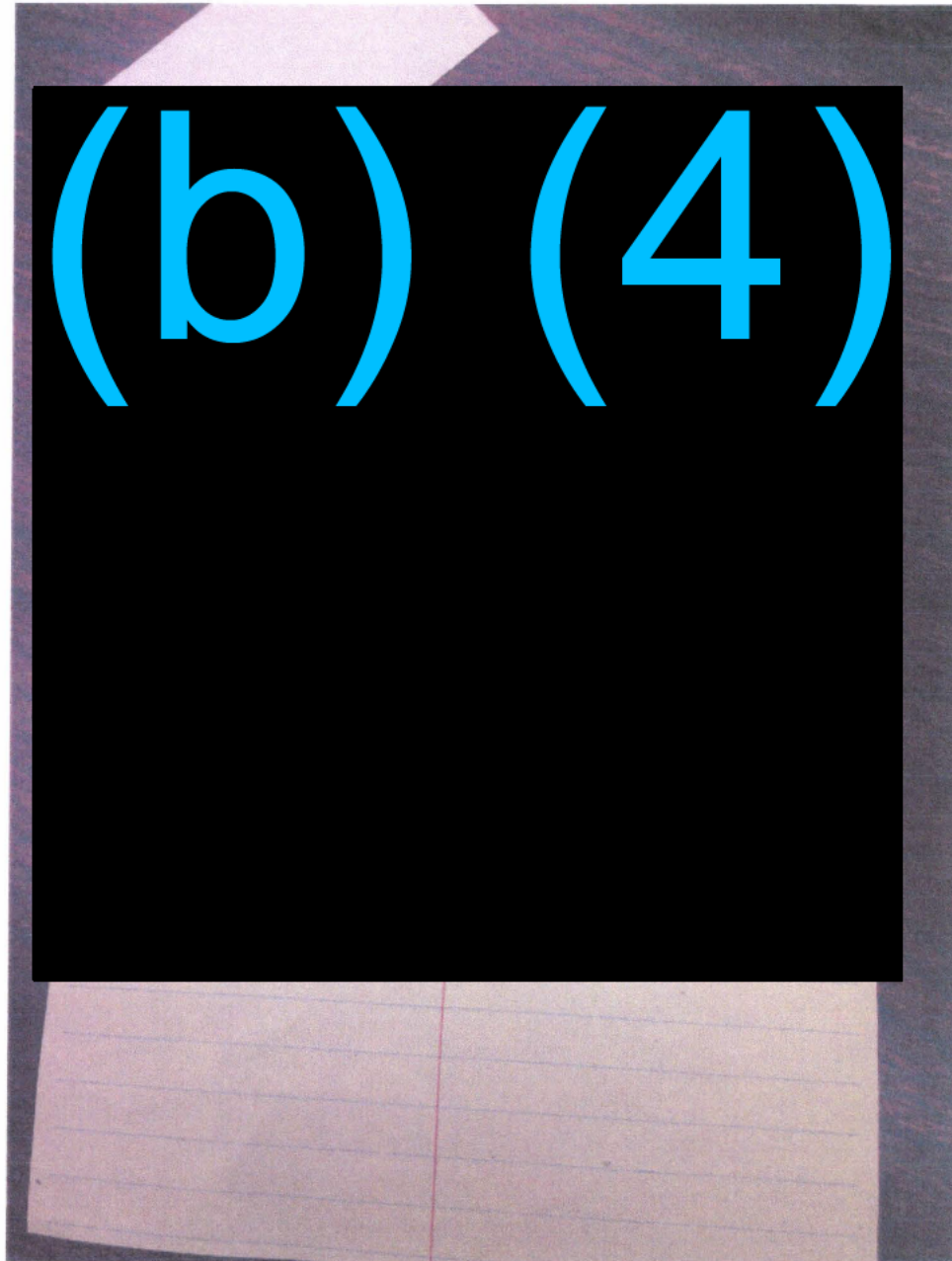
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THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE
PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: IMG- Photo 5.JPG



LOCATION: Oregon State University, (b)(6), (b)(7)(C), Corvallis, Oregon

EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5

DESCRIPTION OF PHOTOGRAPH: Note that accompanied the samples sent in for glyphosate testing.

DATE OF PHOTOGRAPH: 05/07/13

PRINTED NAME AND TITLE: (b)(6) (b)(7)(C) Investigator, USDA APHIS IES

SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) DATE: 05/07/13

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: IMG- Photo 6.JPG

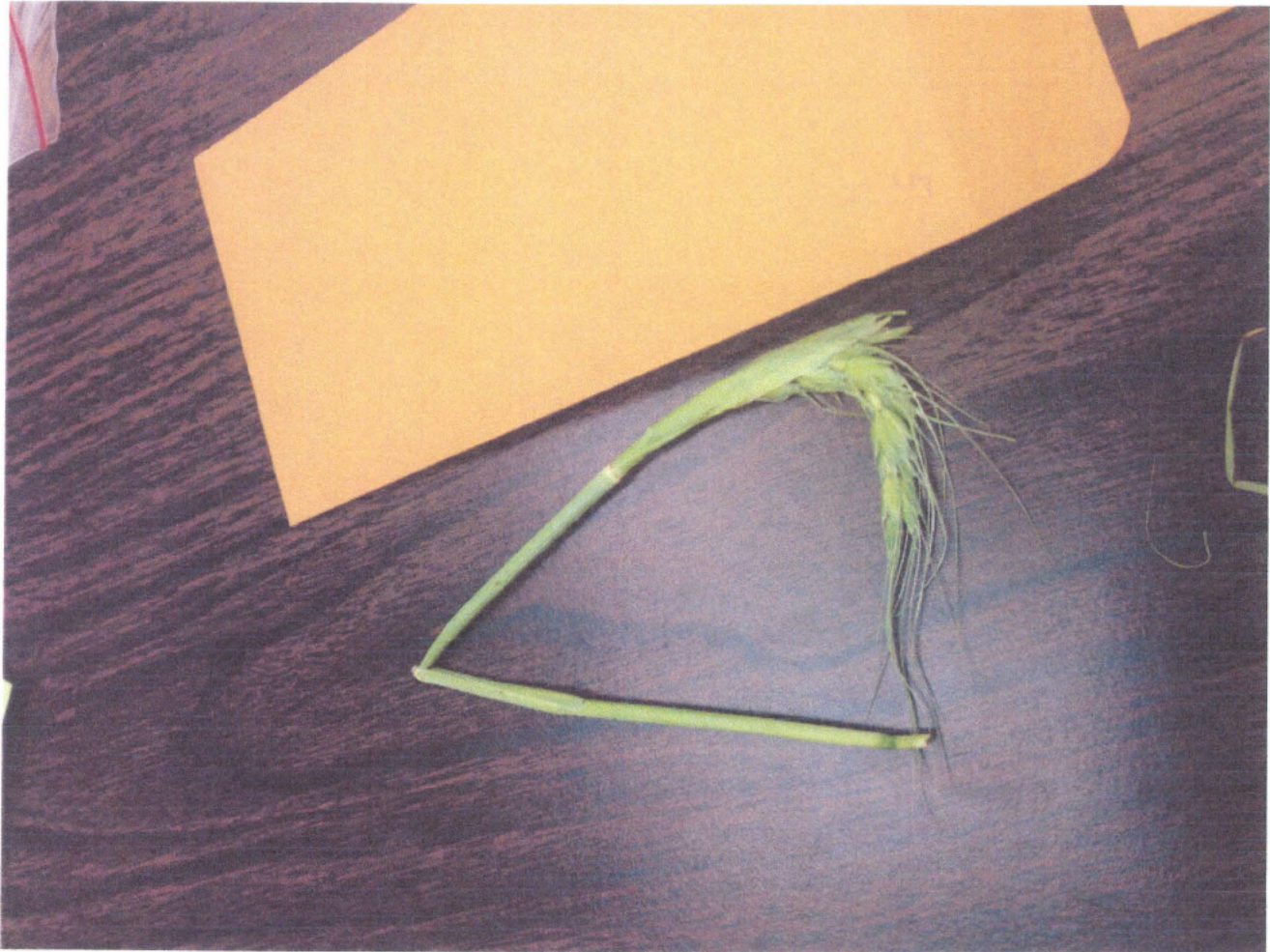


LOCATION: Oregon State University, (b)(6), (b)(7)(C) Corvallis, Oregon
EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5
DESCRIPTION OF PHOTOGRAPH: One plant sample sent in for glyphosate testing.
DATE OF PHOTOGRAPH: 05/07/13
PRINTED NAME AND TITLE: (b)(6) (b)(6), (b)(7)(C) Investigator, USDA APHIS IES
SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C) DATE: 05/07/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: IMG- Photo 7.JPG



LOCATION: Oregon State University, (b)(6), (b)(7)(C), Corvallis, Oregon
EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5
DESCRIPTION OF PHOTOGRAPH: One plant sample sent in for glyphosate testing.
DATE OF PHOTOGRAPH: 05/07/13
PRINTED NAME AND TITLE: (b)(6), (b)(7)(C) Investigator, USDA APHIS IES
SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C) DATE: 05/07/13

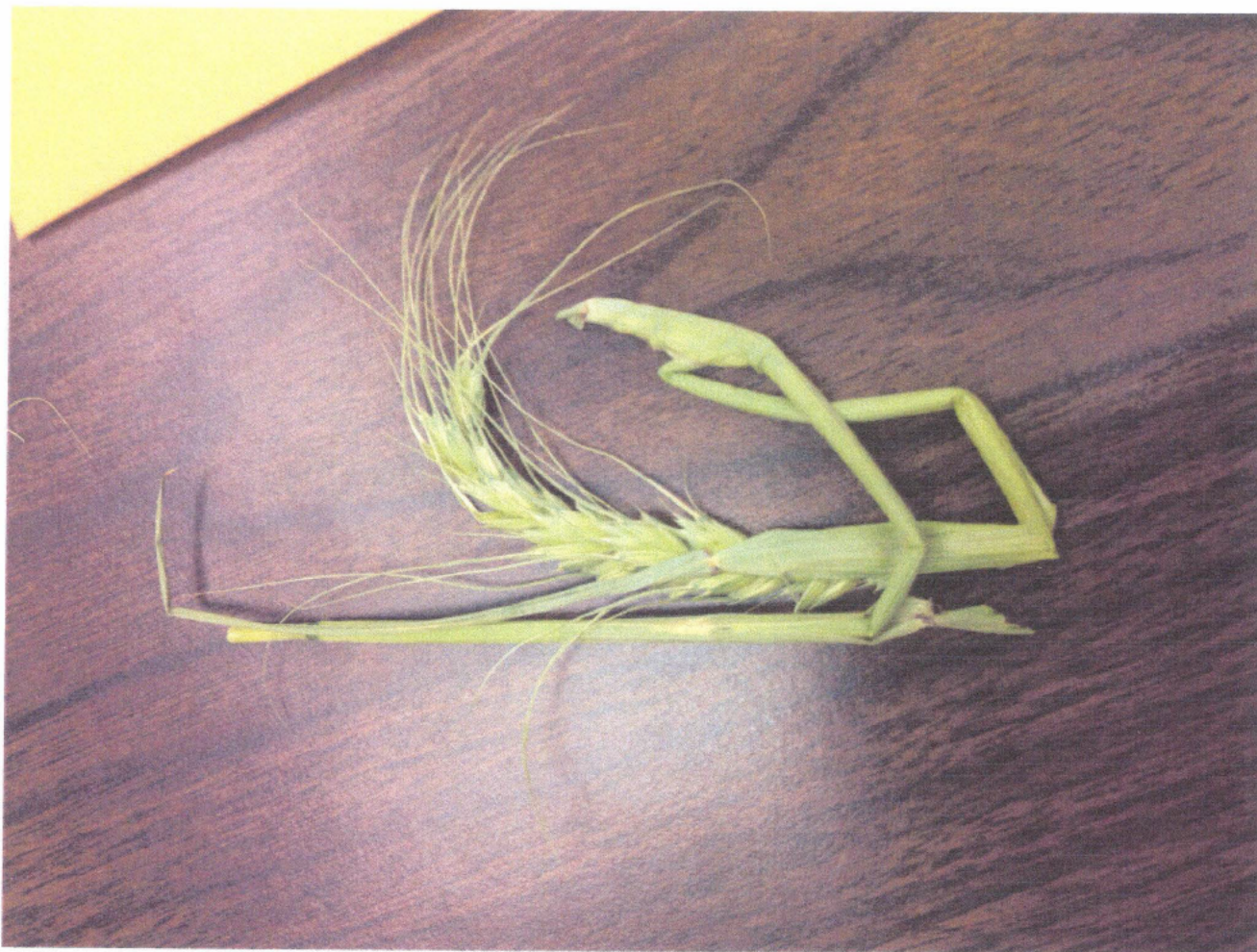


THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE
PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: IMG- Photo 8.JPG



LOCATION: Oregon State University, (b)(6), (b)(7)(C), Corvallis, Oregon

EQUIPMENT USED TO RECORD IMAGE: Apple iPhone 5

DESCRIPTION OF PHOTOGRAPH: One plant sample sent in for glyphosate testing.

DATE OF PHOTOGRAPH: 05/07/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), Investigator, USDA APHIS IES

SIGNATURE OF PHOTOGRAPHER: (b)(6), (b)(7)(C)

DATE: 05/07/13



DECLARATION OF (b)(6), (b)(7)(C)

I declare that my name is (b)(6), (b)(7)(C), I am over the age of eighteen and I am fully competent to make this declaration. I know each of the facts set forth herein based on personal firsthand knowledge:

I am an Investigator for the Investigative and Enforcement Services (IES), Animal and Plant Health Inspection Service (APHIS), United States Department of Agriculture (USDA). My Official Duty Station is located in Oregon. I have held this position since 1998.

As an Investigator for IES, my primary duty is to investigate potential violations of federal laws. As part of this process I collect evidence, take affidavits and document my findings in a report of investigation.

On May 7, 2013, I met with (b)(6), (b)(6), (b)(7)(C) Oregon State University. (b)(6), (b)(7)(C) mailing address is (b)(6), (b)(7)(C). Her office phone number is (b)(6), (b)(7)(C).

On April 30, 2013, (b)(6), (b)(7)(C) received 24 heads of wheat from (b)(6), (b)(6), (b) of (b)(4). The wheat heads were immature, meaning there was no seed yet in the heads. The material she received was green tissue in excellent condition. The material was wrapped in paper towel and was shipped in a priority mail box on 04/27/2013. The return address on the box is (b)(4).

(b)(6)(b)(6), (b)(C) enclosed a note with the samples. This note stated the following:

To: (b)(6), (b)(6), (b)(7)(C)
(b)(6), (b)(7)(C)
, Or
From: (b)(6), (b)(6), (b)
(b)(4)
Subject: Wheat Samples
With the info from (b)(6), (b)(7)
I am sending this sample to be
Tested for Round Up or Glyphosate
tolerance.

Thanks for your help.
(b)(6), (b)

(b)(6), (b)(7)(C) said she learned that the samples came from a field leased by (b)(6)(b)(6), (b)(C). (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) said she was told by (b)(6), (b)(7)(C) that the field was planted in (b)(6), (b)(7)(C) Wheat in the field presently would be volunteer plants from that (b)(6), (b)(7)(C) crop. She was also told that the plants had been sprayed with glyphosate and that the plants survived.

OR120018_BR_000193



(b)(6), (b)(7)(C) said she tested the samples using Trait[√] RUR test strips. DNA was extracted from the submitted samples and a polymerase chain reaction (PCR) test was performed. The PCR test is a DNA-based test to detect whether specific DNA sequences are present that correspond to a specific target event. PCR conducted with Roundup Ready bentgrass DNA as a positive control, and Madsen wheat and Italian ryegrass DNA was negative controls. The results were positive for the glyphosate resistance transgene. The PCR results were positive for the presence of the CP4 gene in the submitted samples. I asked her if there was anything that would cause a false positive and she it was probable but not as consistently as her findings.

(b)(6), (b)(7)(C) informed (b)(6), (b)(7)(C)(b)(6), of the results. She learned that (b)(6), planted (b)(6), (b)(7)(C) in this field and purchased this seed from (b)(4) located in (b)(4), WA. (b)(6), (b)(7)(C) said based on the look of the sample material she received and the varietal testing they had completed so far at OSU this did not appear to be either of these two varieties.

(b)(6), (b)(7)(C) said that the grower had concerns when the plants did not die after he sprayed the glyphosate. (b)(6), (b)(7)(C) said (b)(6), (b) and (b)(6), told her they went back and forth with the (b)(6), (b) (b)(6), as to why the plants did not die and then they decided to send samples to OSU. (b)(6), (b)(7)(C) said all controls behaved as they should. She said she has no reason to believe that her testing methods and the results she received were not true and accurate. She did speak to Monsanto representatives and they questioned her methods, her lab conditions, etc. Based on the test results and what she learned from the (b)(6), (b) and (b)(6), her gut feeling is there must be quite a few plants out there. (b)(7)

On May 1, 2013, (b)(6), (b)(7)(C) contacted Neil Hoffman with the USDA APHIS Biotechnology Regulatory Services (BRS) to let him know what she received and the results.

(b)(6), (b)(7)(C) showed me how she tested the plant material with the AgraStrip® RUR Strip Test Seed & Leaf Trait[√] Part Number 7000017. She made me a copy of the documentation for this test. This documentation states the AgraStrip® RUR Strip Test Seed & Leaf Part Trait[√] Test Kit detects the CP4 EPSPS protein produced by a gene, derived from (b)(4) sp. strain CP4. This gene has been incorporated into herbicide-resistant crops in the Roundup Ready® and Roundup Ready® 2 brands (RUR) from Monsanto and other companies.

(b)(6), (b)(7)(C) let me take photos of the shipping container, the note written by (b)(6), (b) and the plants she received. (b)(6), (b)(7)(C) gave me a copy of the letter she sent to Ed Jhee via e-mail of BRS on May 3, 2013.

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and that this declaration was executed on May 10, 2013.

(b)(6), (b)(7)(C)

Investigator
USDA-APHIS-IES

OR120018_BR_000194



DECLARATION OF (b)(6), (b)(7)(C)

I declare that my name is (b)(6), (b)(7)(C), I am over the age of eighteen and I am fully competent to make this declaration. I know each of the facts set forth herein based on personal firsthand knowledge:

I am an Investigator for the Investigative and Enforcement Services (IES), Animal and Plant Health Inspection Service (APHIS), United States Department of Agriculture (USDA). My Official Duty Station is located in Oregon. I have held this position since 1998.

As an Investigator for IES, my primary duty is to investigate potential violations of federal laws. As part of this process I collect evidence, take affidavits and document my findings in a report of investigation.

On May 7, 2013, I initially met with (b)(6), (b)(7)(C) (b)(6), (b)(7)(C) at Oregon State University. (b)(6), (b)(7)(C)'s mailing address is (b)(6), (b)(7)(C). I completed a declaration dated May 10, 2013 describing our conversation.

This declaration is an addendum to that initial conversation for the purpose of clarifying the types and order of testing (b)(6), performed on wheat samples she received from a field in eastern Oregon.

I spoke to (b)(6) on or about January 28, 2014 to clarify this testing information.

(b)(6) completed the following tests in this order:

1. (b)(6) stated she first used the AgraStrip® RUR Strip Test Seed & Leaf Part Trait¹ Test Kit, which detects the CP4 EPSPS¹ plant enzyme in both field and laboratory environments.
2. (b)(6) then extracted deoxyribonucleic acid (which is DNA) from the submitted samples and performed a PCR² test, looking for the cp4 gene with (b)(4) as a positive control, and (b)(4) DNA as negative controls. (Side Note: RR wheat contains the cp4 gene, and the PCR results for the selected samples tested positive for this transgene.)
3. Next (b)(6) performed a PCR test using primers to identify 35S³ and Rice Actin promoters and NOS⁴ terminators, with (b)(4)

¹ EPSPS is an acronym for 5-enolpyruvylshikimate-3-phosphate synthase; epsps (lowercase) refers to the gene, and EPSPS (upper case) refers to the protein.

² PCR stands for polymerase chain reaction which is used to amplify a single or a few copies of a piece of DNA of a particular sequence.


³ 35S is a screening tool used to test for the presence of the 35S promoter often found in the front of many transgenes. The presence of 35S indicates that genetically engineered tissue is present in the sample.

⁴ NOS PCR method is also a screening tool used in conjunction with the 35S method. This method tests for the presence of the "terminator" of the DNA sequence that is found at the end of many transgenes. The presence of NOS indicates that genetically engineered tissue is present in the sample.

DNA as a negative control. All these tests showed positive, meaning a transgene was present in these samples.

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and that this declaration was executed on March 18, 2014.

(b)(6), (b)(7)(C)

A large black rectangular redaction box covers the signature area. The text "(b)(6), (b)(7)(C)" is printed in blue at the top left of this box.

Investigator
USDA-APHIS-IES

OR120018_BR_000196



DECLARATION OF (b)(6), (b)(7)(C)

I declare my name is (b)(6), (b)(7)(C), I am over the age of eighteen and I am fully competent to make this declaration. I know each of the facts set forth herein based on personal firsthand knowledge:

I am an Investigator for the Investigative and Enforcement Services (IES), Animal and Plant Health Inspection Service (APHIS), United States Department of Agriculture (USDA). My Official Duty Station is located in Oregon. I have held this position since 1998.

As an Investigator for IES, my primary duty is to investigate potential violations of federal laws. As part of this process I collect evidence, take affidavits and document my findings in a report of investigation.

On 05/01/2013, (b)(6), (b)(6), (b)(7)(C) of Oregon State University contacted APHIS' Biotechnology Regulatory Services (BRS) to advise them she received samples of wheat via priority mail. The variety of the wheat was unknown. (b)(6), (b)(7)(C) was asked to determine if the wheat was glyphosate resistant. (b)(6), (b)(6), (b)(6), (b)(7)(C) and (b)(6), (b)(6) reported that the plants had been sprayed with glyphosate and that the plants survived. The field was planted in 2011 and harvested in 2012. Wheat in the field presently would be volunteer plants from that crop. (b)(6), (b)(7)(C) tested the samples using Trait/RUR test strips. The results were positive for the glyphosate resistance transgene. DNA was extracted from the submitted samples and a PCR conducted with (b)(4) DNA as a positive control, and (b)(4) DNA as negative controls. The PCR results were positive for the presence of the CP4 gene in the submitted samples.

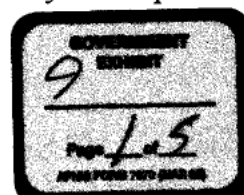
At 2 p.m. on Tuesday, May 7, 2013, IES Investigator (b)(6), (b)(7) and I met with and participated in a phone conference with the following:

(b)(6), (b)(7)(C)

Our goal was to determine what (b)(6), (b)(6) planted, where the seed was purchased, when the field was planted, when it was harvested and what happened to the crop.

We learned the following information. The field in question is comprised of about (b)(6) acres located on (b)(6), (b)(7)(C). (b)(6), (b)(7)(C) leases this field and has done so for approximately (b)(6) years. (b)(6), (b)(6), (b)(6) have leased this particular field for the past (b)(6) years. (b)(6), (b)(6) keeps records of what he plants in each field. (b)(6), (b)(6) is a commercial wheat producer. He plants certified seed. He purchases his wheat seed from (b)(4) (b)(4). He also sells his wheat crop to (b)(4).

The seed planted in the affected field was a blend of WestBred 528 (WB-528), a certified soft white winter wheat and Rod, a certified, clean bulk seed. The WB-528 is a white winter wheat, developed by WestBred/Monsanto and the Rod is an older seed variety developed at Washington



State University about 15 years ago. (b)(6), said he is was not sure if used this blend before but would check his records and let us know. (b)(7) (West Bred is owned by Monsanto.)

(b)(6), planted this field in (b)(6), (b)(7) at a planting rate of 90 pounds of seed per acre. He sold his entire (b)(6), (b)(7)(C) crop from the affected field in (b)(6), (b)(7)(C). He does not have any seed left from the planting in (b)(6), (b)(7)(C). He does not have any of the harvested wheat from (b)(6), (b)(7)(C). He buys seed in bulk so it does not have any identification tags with it. Through (b)(6), (b)(7)(C) provided a Regular Statement, dated 10/31/11 for seed purchased from (b)(4). He said (b)(4) blended the two varieties and he picked up the seed from (b)(4) elevator.

This statement reflects that (b)(6), picked up the following:

10/08/11 108.1667 bushels each of WB 528 and Rod
10/11/11 99.667 bushels each of WB 528 and Rod
10/12/11 104.500 bushels each of WB 528 and Rod
10/14/11 36.3333 bushels each of WB 528 and Rod

(b)(6), does not know where this seed was grown. He does not have knowledge of the history of the seed. He does not know who else in the area may have planted the same variety of seed.

After spraying with the glyphosate, (b)(6), said less than 1% of the volunteers survived. He did not notice any odd or off type plants in the crop. He said this is the first time this has happened. The wheat volunteers appeared individually in some areas and then there might be 50 plants within a 10 x 20 foot area in other areas. He said the plants were approximately 6 inches tall, on the average, in the field.

(b)(6), said he never had research plots on any of his fields. There are no other leasers in the surrounding fields. He did say there was a variety trial being done about (b)(6) miles away from this field.

(b)(6), said he planted this field with Coda Club, a soft white winter wheat in 2009. He harvested this crop in 2010 and the field sat fallow in 2011. Fallow means the land has been plowed and harrowed and left unseeded for one or more growing seasons. This (b)(6) -acre field has only been planted with winter wheat and every other year it lays fallow. The field was irrigated about (b)(6) years ago with a pivot irrigation system.

This field is chemically fallowed, meaning he does not plow the field but uses chemicals to keep the field clear of weeds and volunteers. (b)(6), said he has no seed nor harvested material from this field. (b)(6), said every fallow year he sprays the field with a glyphosate product called (b)(4) Star® Plus. This is standard practice for the area. (b)(6), said he had never known the glyphosate to not work before. (b)(6), stated he used this seed combination on two additional fields in 2011 and had no problems or saw no evidence of wheat volunteers. These fields are a couple miles apart. (b)(6), applied 42 oz. of the Gly Star® Plus per acre.

On 05/04/13, (b)(6), sprayed the affected field with Paraquat, one of the most widely used herbicides in the world. Paraquat is quick-acting and non-selective, killing green plant tissue on contact.



On May 10, 2013, I sent a list of additional questions to Mr. Bernasek for (b) (6), (b) (7)(C) response. I received a response from (b) (6), through his attorney on May 14, 2013. My questions are in black and (b) (6), s response is in red.

1. When did (b) (6) apply the glyphosate, Gly Star Plus? **March 20**
2. When did (b) (6) first notice that he did not get the kill he expected? **April 5 (about) (b) (6)**
3. How many times did (b) (6) apply the glyphosate? **Once**
4. In the normal course of farming, when one herbicide does not work, does (b) (6) use the same chemical to treat again or does he try something else? **Most times (b) (6) switch herbicides**
5. Where did he purchase the glyphosate? **(b) (4)**
6. When did (b) (6) first contact (b) (6), concerning this issue? **Guessing April 5**
7. When did (b) (6) start working with (b) (6), to resolve this issue? **Discussed it through first part of April (b) (7)**
8. Did (b) (6) work with the County Extension Agent? **No**
9. When was he notified of the test results from OSU? **I think April 30 or May 1 (b) (6)**
10. How was he notified of the results from OSU? **(b) (6), (b) (7)(C)**
11. Who notified him of the results from OSU? **(b) (6), (b) (7)(C)**
12. When and how was he advised to not mow the field? **While talking with (b) (4) officials**
13. Does (b) (6) have the date he seeded this field in 2011, what is the date? **Oct 5 2011**
14. How many acres total did (b) (6) seed with this same seed- WB528/ Rod? **About (b) (4) acres (b) (6)**
15. Does (b) (6) know how much wheat was harvested from the affected field? **Not sure (b) (6)**
16. Who transported the harvested wheat to its destination? **(b) (4), (b) (6), (b) (7)(C)**

In addition (b) (6), (b) (7)(C) said that he cleans his mower at home before going to another field.

On June 11, 2013, (b) (6), (b) (7)(C) supplied the following information to my June 3, 2013 request for additional information on the surrounding fields of the affected field per the map attached to this declaration. (b) (6), (b) (7)(C) are not owned or leased by (b) (6), (b) (7)(C). In (b) (6), (b) (7)(C) planted (b) (6), (b) (7)(C). In (b) (6), (b) (7)(C) harvested (b) (6), (b) (7)(C). In (b) (6), (b) (7)(C) (b) (6), (b) (7)(C). The 125 acre affected field is the only field currently fallow.

On June 13, 2013, (b) (6), (b) (7)(C) let us know that he found additional wheat volunteers in the affected field. Investigators (b) (6), (b) (7)(C) went out that afternoon looked at the field and took photos. On June 20, 2013, (b) (6), (b) (7)(C) Investigator (b) (6), USDA APHIS Plant Protection & Quarantine (PPQ) employees Alec Ormsby and Jack Qiu and I collected 49 potted plants and 100 individual samples from the affected field. All these samples were hand delivered



that afternoon to Dr. Deven See at Washington State University in Pullman, Washington for genetic testing.

On June 20, 2013, (b) (b)(6), provided the following information to our additional questions:

(b) (b)(7)

(b)(6), (b)(7)(C)

His Crop Revenue Coverage (CRC) insurance price is \$8.40 per bushel = \$55,650
(8.40 X 6,625)

His insurance average is (b) bushels per acre = (b) bushels (b)(6), (b)

On or about June 21, 2013, (b)(6), (b) received information based a review done by the USDA's Agriculture Research Service (ARS) scientists and agronomists of the affected field. This letter was dated 06/20/13. I spoke to (b)(6), (b) on June 20, 2013 after he looked over these recommendations. He had many concerns that all these suggestions/decisions were being made by scientists/agronomists that have not seen his field or talked to him about his farming practices, etc. Based on our June 19, 2013 conference call with (b)(6), (b) and his attorney, (b)(6), (b) understood that someone from ARS was going to meet with (b)(6), (b) look at the affected field and discuss the situation.
b)(7)

On July 7, 2013 Investigator (b)(6), picked up three bags of clippings collected by (b)(6), (b) and took them to the incinerator in Spokane for destruction. On August 19, 2013, Investigator (b)(6), (b)(7)(C) picked up an additional bag of clippings collected by (b)(6), (b) and took them to the incinerator in Spokane for destruction.

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and that this declaration was executed on September 21, 2013.

(b)(6), (b)(7)(C)

Investigator
USDA-APHIS-IES



Page 4 of 4

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To see all the details that are visible on the screen, use the "Print" link next to the map.

(b) (6), (b) (7)(C)

GOVERNMENT
EXHIBIT
Page 5 of 5
APRIS FORM 1000 (JAN 80)

(b) (6), (b) (7)(C)

(b)(6), (b)(7)(C) - APHIS

From: (b)(6), (b)(7) - APHIS
Sent: Tuesday, August 20, 2013 9:08 AM
To: Juarez, Bernadette R - APHIS
Cc: (b)(6), (b)(7)(C) APHIS
Subject: RE: Wheat Investigation -Monsanto question
Attachments: Illias- Hard red winter.pdf; Seed-Variant-Table-12-26-12.pdf

Bernadette-

Confirmation of planting in (b)(6), (b) :

- | | | |
|--------|--|-----------------|
| - 2004 | Field was in Alfalfa | - Irrigated |
| - 2005 | Field was planted with oats (Magnum) | - Irrigated |
| - 2006 | Field was planted with wheat (Residence- HRWW) | - not irrigated |
| - 2007 | Field was planted with wheat (Illias- HRWW) | - not irrigated |
| - 2008 | Fallow | |
| - 2009 | Field was planted with wheat (Coda Club- White) | - not irrigated |
| - 2010 | Fallow | |
| - 2011 | Field was planted with wheat (Rod & WB528- SWWW) | - not irrigated |
| - 2012 | Fallow | |

As you can see I misspoke, the two other varieties of wheat were **Illias** and **Residence**.

I included an article on Illias as an attachment. Look at the last page it talks about the color variant with Illias, up to 15 white seeds per pound. According to the second attachment (seed variant table) Express and Expresso has 18 seeds per pound and Residence only has 5 per pound.

Not sure if Illias or Residence were used in field trials for Mon71800 but may be something to look at.

I have an appointment (1300 hours Pacific time) with the incinerator to take care of the plants I collected from the grower, unless I hear differently.

Thank you.

(b)(6), (b)(7)(C)
Senior Investigator
USDA, APHIS, IES

(b)(6), (b)(7)
(b)(6), (b) h@aphis.usda.gov

From: Juarez, Bernadette R - APHIS
Sent: Tuesday, August 20, 2013 8:56 AM
To: (b)(6), (b)(7)(C) - APHIS
Subject: RE: Wheat Investigation -Monsanto question

(b)
(6)



Please confirm the prior planting information from the grower when you return to the GOV. As I understand it, he previously planted Residence and Lillian.

B.

Bernadette Juarez, Director
Investigative and Enforcement Services
Animal and Plant Health Inspection Service
U.S. Department of Agriculture
4700 River Road
Unit 85 (Room 6B-03B)
Riverdale, Maryland 20737
(301) 851-2735
(301) 734-4328 (facsimile)
bernadette.r.juarez@aphis.usda.gov

From: (b)(6), (b)(7)(C) - APHIS
Sent: Tuesday, August 20, 2013 10:54 AM
To: Juarez, Bernadette R - APHIS
Subject: RE: Wheat Investigation -Monsanto question

Ooops I reread your e-mail and you already did

From: Juarez, Bernadette R - APHIS
Sent: Tuesday, August 20, 2013 8:51 AM
To: (b)(6), (b)(7)(C) - APHIS
Subject: RE: Wheat Investigation -Monsanto question

Followed up with (b) () to ensure he understands that our focus is not (b)(6), (b) , but rather the substance of your questions below.

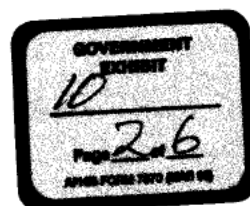
Thanks,

B.

Bernadette Juarez, Director
Investigative and Enforcement Services
Animal and Plant Health Inspection Service
U.S. Department of Agriculture
4700 River Road
Unit 85 (Room 6B-03B)
Riverdale, Maryland 20737
(301) 851-2735
(301) 734-4328 (facsimile)
bernadette.r.juarez@aphis.usda.gov

From: (b)(6), (b)(7)(C) - APHIS
Sent: Friday, August 16, 2013 12:14 PM
To: Juarez, Bernadette R - APHIS
Subject: FW: Wheat Investigation -Monsanto question

Bernadette,



Monsanto was informed last Friday that they could speak directly with me.
I have heard nothing from them.

This was the second request sent directly to Monsanto on 08/14/13 only 2 days ago.
You are quicker on the computer than I.
I was just writing this to you.

(b)(6),
(b)(7)(C)
Senior Investigator
USDA, APHIS, IES
(b)(6), (b)(7)
(b)(6), (b) h@aphis.usda.gov

From: (b)(6), (b)(7)(C) - APHIS
Sent: Wednesday, August 14, 2013 1:56 PM
To: (b)(6), (b)(7)(C)
Subject: RE: Wheat Investigation -Monsanto question

Thank you for working so diligently to put together the information I have requested.
Attached are the other Notifications and related questions which I have at this time.
If you need any clarification or have questions of me do not hesitate to let me know.

Take care and have a great day.

(b)(6),
(b)(7)(C)
Senior Investigator
USDA, APHIS, IES
(b)(6), (b)(7)
(C) @aphis.usda.gov

From: [REDACTED]
Sent: Wednesday, August 14, 2013 12:15 PM
To: [REDACTED]
Subject: RE: Wheat Investigation -Monsanto question

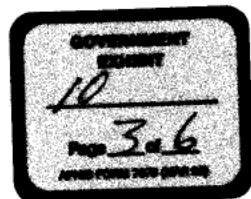
Thank you very much. We have been working to gather the documents and will be back with you shortly.

Sent with Good (www.good.com)

-----Original Message-----

From: (b)(6), (b)(7)(C) - APHIS [(b)(6), (b)(7)]@aphis.usda.gov]
Sent: Wednesday, August 14, 2013 02:02 PM Eastern Standard Time
To: (b)(6), (b)(7)(C) westbred.com)
(6) (b)(7)

3
OR120018_BR_000211



(b) (4)

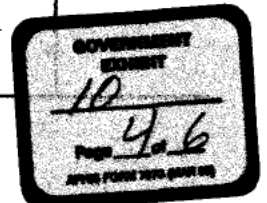
(b) (4)

ACCOUNT BALANCE	
DISCOUNTS	
AMOUNT IF PAID BY	
11/15/11	

(b) (4), (b) (6), (b) (7)(C)

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*** CONTINUED ON NEXT PAGE ***



OR120018_BR_000213

(b)(6), (b)(7)(C) Received this Document From:
(b)(6), (b)(7)(C), (b)(6), (b)(7) Timothy J. Bernasek
(via e-mail) on May 08, 2013 (b)(6)

*** CONTINUED ON NEXT PAGE ***



(b)(6), (b)(7)(C) Received this Document From:
(b)(6), (b)(7)(C) to Timothy J. Bernasek
(via e-mail) on May 08, 2013 (b)(6)

(b)(6), (b)(7)(C) - APHIS

From: (b)(6), (b)(7)(C)
Sent: Wednesday, May 08, 2013 2:16 PM
To: (b)(6), (b)(7) S - APHIS
Cc: Timothy J. Bernasek
Subject: (b)(4), (b)(6), (b)(7)(C)
Attachments: (b)(4).pdf

(b)(6), (b)(7)(C),

Mr. Bernasek asked that I forward to you the attached invoice from (b)(4) for your attention. If you have any difficulty opening the document, please contact me. Thank you.

(b)(6), (b)(7)(C)
(b)(6), (b)(7)(C) Timothy J. Bernasek
(b)(6), (b)(7)(C) @dunnearney.com
Direct (b)(6), (b)(7)(C) | Fax 503-224-7324 | www.dunnearney.com

Dunn Carney Allen Higgins & Tongue LLP
851 SW Sixth Ave. Suite 1500 | Portland, OR 97204
Member of Meritas Law Firms Worldwide www.Meritas.org

IRS regulations require us to advise you that, unless otherwise specifically noted, any federal tax advice in this communication (including any attachments, enclosures, or other accompanying materials) was not intended or written to be used, and it cannot be used, by any taxpayer for the purpose of avoiding penalties; furthermore, this communication was not intended or written to support the promotion or marketing of any of the transactions or matters it addresses.

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DECLARATION OF (b)(6), (b)(7)(C)

I declare that my name is (b)(6), (b)(7)(C), I am over the age of eighteen and I am fully competent to make this declaration. I know each of the facts set forth herein based on personal firsthand knowledge:

I am an Investigator for the Investigative and Enforcement Services (IES), Animal and Plant Health Inspection Service (APHIS), United States Department of Agriculture (USDA). My Official Duty Station is located in Oregon. I have held this position since 1998.

As an Investigator for IES, my primary duty is to investigate potential violations of federal laws. As part of this process I collect evidence, take affidavits and document my findings in a report of investigation.

On May 11, 2013, IES Investigator (b)(6), (b)(7) and I met with (b)(6), (b)(7)(C) to discuss his knowledge of the volunteer wheat on one (125-acre) of (b)(6), (b)(7) wheat fields.

(b)(6), (b)(7)(C) operates (b)(4). The (b)(4) is (b)(6), (b)(7). The following is Mr. (b)(6), (b)(7) contact information:

Mailing address: (b)(6), (b)(7)(C)
Physical address: (b)(6), (b)(7)(C)
Office phone number: (b)(6), (b)(7)(C)
Cell phone number: (b)(6), (b)(7)
Personal e-mail address is (b)(6), (b)(7)(C)

(b) (6), (b) (7)(C)

The following is a recap of (b)(6), (b)(7) s knowledge of (b)(6), (b)(7) s wheat planting in 2011. In 2011, (b)(6), (b)(7) planted a wheat mixture of WB 528 and Rod on three dry land fields. One of these fields is comprised of about 125 acres located on (b)(6), (b)(7)(C)

(b)(6), (b)(7)(C) Oregon (b)(4) (b)(6), (b)(7)(C)

Page



[illegible]

Plus sometime in mid-March, 2013. Gly Star® Plus is a glyphosate herbicide, which is a broad-spectrum systemic herbicide used to kill weeds, especially annual broadleaf weeds and grasses known to compete with commercial crops.

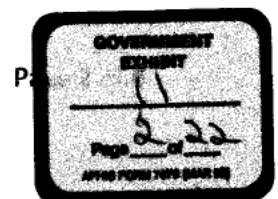
On or about 04/05/13, (b)(6), contacted (b)(6), (b) stating that the (b)(4) Star® Plus did not kill some of the wheat volunteers. On 04/16/13, these wheat volunteers were still growing so (b)(6), (b) took photos of them. (b)(6), (b) then contacted the (b)(6), (b)(7), county agent and began discussions with him on why these plants were not dying. (b)(6), (b) did this at the behest of (b)(6). (b)(6), (b) said that (b)(6), is a good farmer and wanted to know why these plants were not dying. (b)(6), (b) did not recall exactly when but he made contact with (b) (b)(6), (b)(7)(C) a (b)(6), (b)(7)(c) at Oregon State University. (b)(6), (b) said he got thinking (b) that perhaps these plants had some glyphosate resistance in them. On Friday, 04/26/13, (b)(6), (b) went to (b)(6), field and took samples of some of the plants. (b)(6), (b) clipped the plants with scissors, put them in a paper bag, placed that bag in USPS postal box and put the box in his refrigerator overnight. On Saturday, 04/27/13, he went to the post office in Pasco, Washington and mailed them to (b)(6), (b)(6), (b)(7)(C) (b)(7)

On Friday, 05/03/13, (b)(6), (b) collected additional samples from (b)(6), field, put them in paper bag and wrapped them in newspaper. (b)(6), (b) gave these (b)(7) samples to me on 05/08/13. On Saturday, 05/04/13, (b)(6), treated the affected field with Paraquat, another herbicide. (b)(7)

I learned the following from (b)(6), (b) As stated above in 2011, (b)(6), planted a wheat blend of WB528 and Rod. WB 528 is a soft white winter wheat developed by WestBred, which is a company owned by Monsanto. Rod is an older variety of soft white winter wheat developed at Washington State University about 15 years ago. WB528 is usually grown within irrigated areas. Rod is usually not grown in dry land areas. The affected field in question gets more rainfall so the WB528 is a good seed to use. Wheat growers use different varieties depending on the conditions of the field, such as the type soil and whether or not the field is irrigated or dry land.

No-till farming is a way of growing crops from year to year without disturbing the soil through tillage. No-till is an agricultural technique which increases the amount of water and organic matter (nutrients) in the soil and decreases erosion. (b)(6), has been farming the affected field no-till since 2005. (b)(7)

On 03/18/13, (b)(6), (b) delivered to (b)(6), 265 gallons of Gly Star® Plus as well as 19 gallons of LI 700. (b)(6), (b) provided me a copy of this order via e-mail on 05/13/13. Gly Star® Plus is a glyphosate herbicide. According to the label, LI 700 is a non-ionic, low foaming penetrant, which can be used to enhance the activity and effectiveness of agricultural and industrial chemicals. The LI 700 improves deposition and retard drift by producing more uniform spray pattern. (b)(6), (b) sent me photos of the label on a box of the Gly Star® Plus box, Grounded label and LI 700. It would be standard practice for this area to spray 40 oz. per acre of Gly Star®



Plus with 1 quart of the LI-700 per 100 gallons of water. (b)(6), (b)(7) thought this may have been the first time that (b)(6), (b)(7) had sprayed with Gly Star® Plus, but has used Round Up® in the past.

(b)(6), (b)(7) said he has been selling Round Up®, as part of his business, since 1971 and has not had issues with it in killing volunteers.

(b)(6), (b)(7) said it was his understanding that (b)(6), (b)(7) only treated the affected field with Gly Star® Plus one time. Based on the pattern of volunteers in the affected field, (b)(6), (b)(7) believed the surviving volunteers could have been a result of a clogged sprayer nozzle. He said he did not believe that it was because of dust. When the glyphosate was originally applied in March, 2013 the wheat volunteers were approximately six to seven inches (6 – 7) tall. When he took the photos on 04/16/13, the wheat volunteers that were still alive after the glyphosate application the plants were then ten to twelve (10 – 12) inches tall.

(b)(6), (b)(7) said that in his opinion, (b)(6), (b)(7)(C)

(b)(6), (b)(7) said his company does not haul materials for anyone but themselves.

(b)(6), (b)(7)(C)

(b)(4)

(7)(C)

(b)(7)

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(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

(b) (4)

On May 13, 2013, I received an e-mail from (b)(6), (b) with the following attachments:

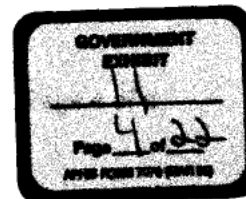
- Gly Star® Plus label
- Grounded label
- Shipping Order No. 415 dated 03/18/13 for (b)(6), (b)
- LI 700 label

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and that this declaration was executed on June 11, 2013.

(b)(6), (b)(7)(C)

Investigator
USDA-APHIS-IES

OR120018_BR_000225



(b)(6), (b)(7)(C) - APHIS

From: (b) (4) @aol.com
Sent: Monday, May 13, 2013 2:15 PM
To: (b)(6), (b)(7) - APHIS
Subject: (no subject)
Attachments: Glystar Label.JPG; Grounded label.pdf; (b)(6), (b)(7)(C) pdf

Enclosed is a picture of Glystar box, read small print at bottom of box, I did misread. Copy of top label of LI-700 and copy of delivery ticket dated. Grounded Label

Here is the info I have. No work order but delivery dated 3/18/13.

Standard practice would be 40 oz./ acre Glystar Plus with

1 Qt. LI-700 /100 gal water.

If (b) used Grounded he would have used 1 Pt./A.

(b) may have had Grounded on his truck, I don't know if he used it on this field.

Delivery ticket dated 3/18 would tell me (b) made application very soon after. Probably the next day.

This is the best info I have, (b) will have exact dates etc. may have work order or such in his possession.

If I can be of more assistance please call.

Sincerely, (b)(6), (b)(7)(C)





Gly Star® Plus

Glyphosate 41%
with **TRANS-STAR™** Technology
a special translocating surfactant

2 - 2.5 GAL./TWO 9.46 LTS PLASTIC BOTTLES

Roundup Ready® is a registered trademark of Monsanto Company.



OR120018_BR_000229

Laying the Foundation

GROUND[®]

SPRAY APPLICATION DEPOSITION AID

*ACTIVE INGREDIENTS:

Proprietary Blend of Aliphatic Hydrocarbons, Hexahydric Alcohol Ethoxylates and C ₁₈ -C ₂₀ Fatty Acids and Alkanolamides	99.00%
Components ineffective as adjuvant	1.00%
TOTAL	100.00%

All ingredients are accepted for use under CFR 40, 180.1001(c).
Patent No. 5,906,961

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Below for Additional Precautionary Statements.

NET CONTENTS:	<input type="checkbox"/> 2.5 Gallons (9.46 Liters)	SN 1108/0110
	<input type="checkbox"/> 30 Gallons (113.55 Liters)	
	<input type="checkbox"/> 55 Gallons (208.18 Liters)	
	<input type="checkbox"/> 250 Gallons (946.25 Liters)	

MANUFACTURED FOR
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017

PRECAUTIONARY STATEMENTS

CAUTION

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. Follow all precautionary statements on the accompanying pesticide(s) label(s).

WHAT TO DO IN CASE ON CONTACT:

IF IN SKIN: Remove contaminated clothing and wash skin with soap and water. Call a physician if irritation persists.

IF SWALLOWED: Do not induce vomiting. Immediately call a physician.

IF IN EYES: Flush eyes with clean water for 15 minutes. Call a physician if irritation persists.

IF INHALED: Move to fresh air and call a physician, if irritation develops or persists. If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide label.

STORAGE AND DISPOSAL

Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste. Do not store near heat or open flame.

Do not store with oxidizing agents or ammonium nitrate.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling or reconditioning, or puncture and dispose of according to state and local authorities. If burned, stay out of smoke.

For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

GENERAL INFORMATION

GROUND[®] is a specialized blend of surfactants and aliphatic hydrocarbons designed to enhance the deposition and absorption of both ground and aerial spray applications. Subject to the cautionary statements set forth in the Directions for Use, GROUND[®] may be used with both pesticide and/or fertilizer products. The addition of GROUND[®] to a spray tank may improve the spray application by reducing splash and subsequent scattering of the spray droplets on equipment and nontarget surfaces. Efficacy of fertilizer and pesticide products may be improved by increasing absorption of the applied spray mix by soil resulting in a reduced potential for leaching away of the active ingredient. It may also be useful in increasing the rate and degree that the applied pesticides and/or fertilizers are absorbed by plant surfaces. GROUND[®] is particularly effective with some herbicides in sandy soils that are low in organic content. Optimum application and effects, however, can be influenced by the crop, pest, spray equipment, soil type, spray volume, pressure, droplet size, and

Disclaimer: Always refer to the label on the product before using Helena or any other product.

environmental and other factors. Consequently, it is recommended that careful observations of the spray application be made and GROUND[®] rates adjusted accordingly.

DIRECTIONS FOR USE

FOR USE WITH PRODUCTS REGISTERED FOR: AGRICULTURAL, AQUATIC, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY, TURF AND OTHER USES.

The addition of additives to some pesticides, fertilizers, and tank mixes may cause phytotoxicity to the foliage and/or fruit of susceptible plants. Prior to the addition of GROUND[®] to fertilizers and pesticides where the addition of surfactants is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial.

For ground applications of GROUND[®] with ground applied pesticides, use 1-4 pints per acre in 5-30 gallons of spray.

For aerial applications of GROUND[®], use 6-16oz/acre. A minimum of 1.0% by volume is recommended for Aerial and Low Volume spray applications.

NOTE: The above use recommendations are considered to be adequate for most uses. Some pesticides, however, may require higher or lower rates for optimum effect. Follow the pesticide label directions when this occurs.

CAUTION: Do not mix oxidizing agents unless oxidizing agents are in solution.

MIXING

Prior to any pesticide application all spray mixing and application equipment must be cleaned. Carefully observe all cleaning directions on the pesticide label.

Fill spray tank one-half full with water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

1. Dry flowables or water dispersible granules
2. Wettable powders
3. Flowables
4. Solutions
5. Emulsifiable concentrates

and continue filling. Add GROUND[®] last and continue agitation.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

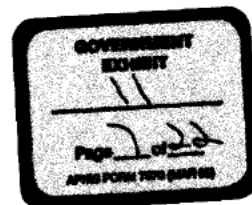
The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

© Copyright Helena Holding Company, 2010.

GROUND[®] is a registered trademark of Helena Holding Company



OR120018_BR_000231

2013/05/13

(b)(6), (b)(7)(C) Received this Document From:

(b)(6), (b)(7)(C) (b) (4)

(via e-mail) on May 13, 2013

b

● SHIPPING ORDER ●

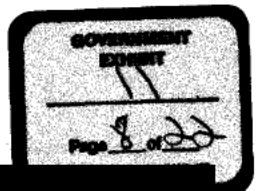
(b) (4)

(b) (6), (b) (7)(C), (b) (4)

Name / Address

(b)(6), (b)(7)(C)
(b)(7)
(C)

(b) (4)



(b) (4)

(b)(6), (b)(7)(C) Received this Document From:

(b)(6), (b)(7)(C), (b) (4)

(via e-mail) on May 13, 2013 (b)
(6)

LI 700[®]



PENETRANT • ACIDIFIER DEPOSITION AID DRIFT CONTROL AGENT

Principal Functioning Agents:

Phosphatidylcholine, methylacetic acid and alkyl phenol ethoxylate	.80%
Constituents Ineffective as Spray Adjuvants	.20%
TOTAL	100%

CA Reg. No. 34704-50035

WA Reg. No. 34704-04007

**KEEP OUT OF REACH OF CHILDREN
DANGER**

NET CONTENTS: 2.5 U.S. GALLONS (9.462 L)



H2510

Loveland Products, Inc. • PO Box 1286 • Greeley, CO 80632



**GOVERNMENT
EXHIBIT**

Page 9 of 22

APHIS FORM 7070 (MAR 95)

OR120018_BR_000235

Precautionary Statements: DANGER – Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles or face shield) and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment: Wear protective eyewear (goggles or face shield), chemical-resistant gloves, coveralls worn over long-sleeved shirt and long pants, and chemical-resistant footwear plus socks.

First Aid: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. If swallowed: Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

GENERAL: LI 700® is a non-ionic, low foaming penetrant. LI 700 may be used to enhance the activity and effectiveness of agricultural and industrial chemicals. LI 700 provides more uniform coverage of spray solutions and aids in penetration. LI 700 may be used to acidify (lower pH) of spray solutions thus preventing alkaline hydrolysis of pesticides sensitive to high pH. LI 700 improves deposition and retards drift by producing a more uniform spray pattern. The degree of drift hazard varies with the type of pesticide and application conditions. Common sense and sound application technology must be followed when spraying pesticides. LI 700 will retard, but not eliminate, drift. LI 700 is compatible with most pesticide formulations including water-soluble, flowable and wettable powders. For tank mix compatibility concerns, conduct a jar test of the proposed mixture to ensure compatibility of all components. Mix components in the same ratio as the proposed tank mix. Application may be by ground or air.

DIRECTIONS FOR USE: LI 700 may be used on a wide variety of crops including fruits, vegetables, row crops, citrus, small grains, forage crops, vine crops, turf or in non-crop sites, aquatic (including wetlands), forestry (site preparation and release), industrial (storage areas, plant sites, and other similar areas including governmental and private lands), grasslands (including pastures, rangeland and fence rows), rights-of-way (utility, railroad and roadsides), turf (golf courses, parks, and sod farms), and ornamentals (container, field or greenhouse). Some pesticides have stated adjuvant use rates. In all cases, the pesticide manufacturer's label should be consulted regarding specific adjuvant use recommendations and that rate followed. Do not add adjuvant at a level that would exceed 5% of the finished spray volume unless otherwise specified by the pesticide label.

Acidifying Agent: *Highly alkaline water (pH 8 or higher)* 8 to 16 ounces per 100 gallons of spray mixture. *Mildly alkaline/acid water (pH 6.5 to 8)* 4 to 8 ounces per 100 gallons of spray mixture.

NOTE: LI 700 is an acidifier and may be physically or chemically incompatible with alkaline spray materials.

General Use: *Herbicides (terrestrial or aquatic), Defoliants, Desiccants:* 1 to 4 pints per 100 gallons of spray mixture when used as a penetrant. 12 ounces to 2 pints per acre when used in place of crop oil concentrates. *Insecticides, Fungicides, Acaricides, Plant Growth Regulators, Foliar Nutrients:* ½ to 2 pints per 100 gallons of spray mixture. *Drift Reduction:* 1 to 2 quarts per 100 gallons of spray mixture.

Non Crop Sites: 1 to 8 pints per 100 gallons (1 to 6 fluid ounces per 5 gallons) of spray mixture.

Turf and Ornamentals: 1 to 4 pints per 100 gallons (1 to 3 fluid ounces per 5 gallons) of spray mixture.

NOTE: This product has demonstrated excellent plant safety; however, not all species of ornamentals have been tested. Before treating a large area, test on a small area and observe prior to full scale application.

STORAGE AND DISPOSAL

STORAGE: Suggested storage above 40°F. If frozen, warm product before use. Store in cool, dry place. Store in original container. Keep tightly closed. Do not reuse empty container.

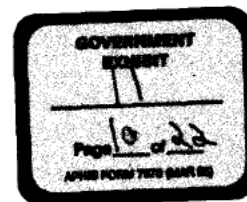
DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes may be disposed of on-site or at an approved waste disposal facility. Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrcycle.org.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

LI 700 2.5GL/H2610



OR120018_BR_000237

(b)(6), (b)(7)(C) Received this Document From:

(b)(6), (b)(7)(C)

(b) (4)

(via e-mail) on May 13, 2013

(b)
(6)

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive "Gigaware 4GB"

FILE NO: what happened 46.JPG



LOCATION: (b) (4)

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer Wheat

DATE OF PHOTOGRAPH: 04/16/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), (b) (4), WA

SIGNATURE OF PHOTOGRAPHER: _____ **DATE:** 04/16/13

OR120018_BR_000241

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive "Gigaware 4GB"

FILE NO: what happened 47.JPG



LOCATION: (b) (4) [REDACTED]

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer Wheat

DATE OF PHOTOGRAPH: 04/16/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C) [REDACTED] (b) (4) [REDACTED], WA

SIGNATURE OF PHOTOGRAPHER: _____ **DATE:** 04/16/13

OR120018_BR_000243

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive "Gigaware 4GB"

FILE NO: what happened 48.JPG

(b)(6), (b)(7)(C)



LOCATION: (b)(4)

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer Wheat

DATE OF PHOTOGRAPH: 04/16/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), (b)(4), WA
(7)(C)

SIGNATURE OF PHOTOGRAPHER: _____ DATE: 04/16/13

OR120018_BR_000245

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive "Gigaware 4GB"

FILE NO: what happened 49.JPG

(b)(6), (b)(7)(C)



LOCATION: (b) (4)

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer Wheat

DATE OF PHOTOGRAPH: 04/16/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), (b) (4), WA

SIGNATURE OF PHOTOGRAPHER: _____ DATE: 04/16/13

OR120018_BR_000247

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate Problem- Photo #32

(b)(6), (b)(7)(C)



LOCATION: (b) (4)

OR

(b) (4)

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C)

SIGNATURE OF PHOTOGRAPHER: (b)(7)(C)

DATE: 04/30/13

OR120018_BR_000249

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate ProblemPhoto #33

(b)(6), (b)(7)(C)



LOCATION: (b) (4)

(b) (4)

, OR

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C)

SIGNATURE OF PHOTOGRAPHER: _____ DATE: 04/30/13

OR120018_BR_000251

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate ProblemPhoto #34

(b)(6), (b)(7)(C)



LOCATION: (b)(4)

(b)(4)

, OR

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C)

SIGNATURE OF PHOTOGRAPHER: _____ DATE: 04/30/13

OR120018_BR_000253

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate Problem Photo #35

(b)(6), (b)(7)(C)



LOCATION: (b) (4)

(b) (4)

, OR

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b) (4)

SIGNATURE OF PHOTOGRAPHER: (b)(7)(C)

DATE: 04/30/13

OR120018_BR_000255

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate Problem Photo #39

(b)(6), (b)(7)(C)



LOCATION: (b)(4)

(b)(4)

, OR

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C)

SIGNATURE OF PHOTOGRAPHER: (b)(7)(C)

DATE: 04/30/13

OR120018_BR_000257

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate Problem Photo #40



LOCATION: (b) (4)

(b) (4)

, OR

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b)(6), (b)(7)(C)

SIGNATURE OF PHOTOGRAPHER: _____

DATE: 04/30/13

OR120018_BR_000259

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO: Red thumb drive- "Gigaware 4GB"

FILE NO: Glyphosate Problem Photo #43



LOCATION: (b) (4)

(b) (4)

, OR

EQUIPMENT USED TO RECORD IMAGE: Nikon Coolpix S3000

DESCRIPTION OF PHOTOGRAPH: Volunteer wheat

DATE OF PHOTOGRAPH: 04/30/13

PRINTED NAME AND TITLE: (b)(6), (b)(6), (b)(7)

SIGNATURE OF PHOTOGRAPHER: _____

DATE: 04/30/13

OR120018_BR_000261

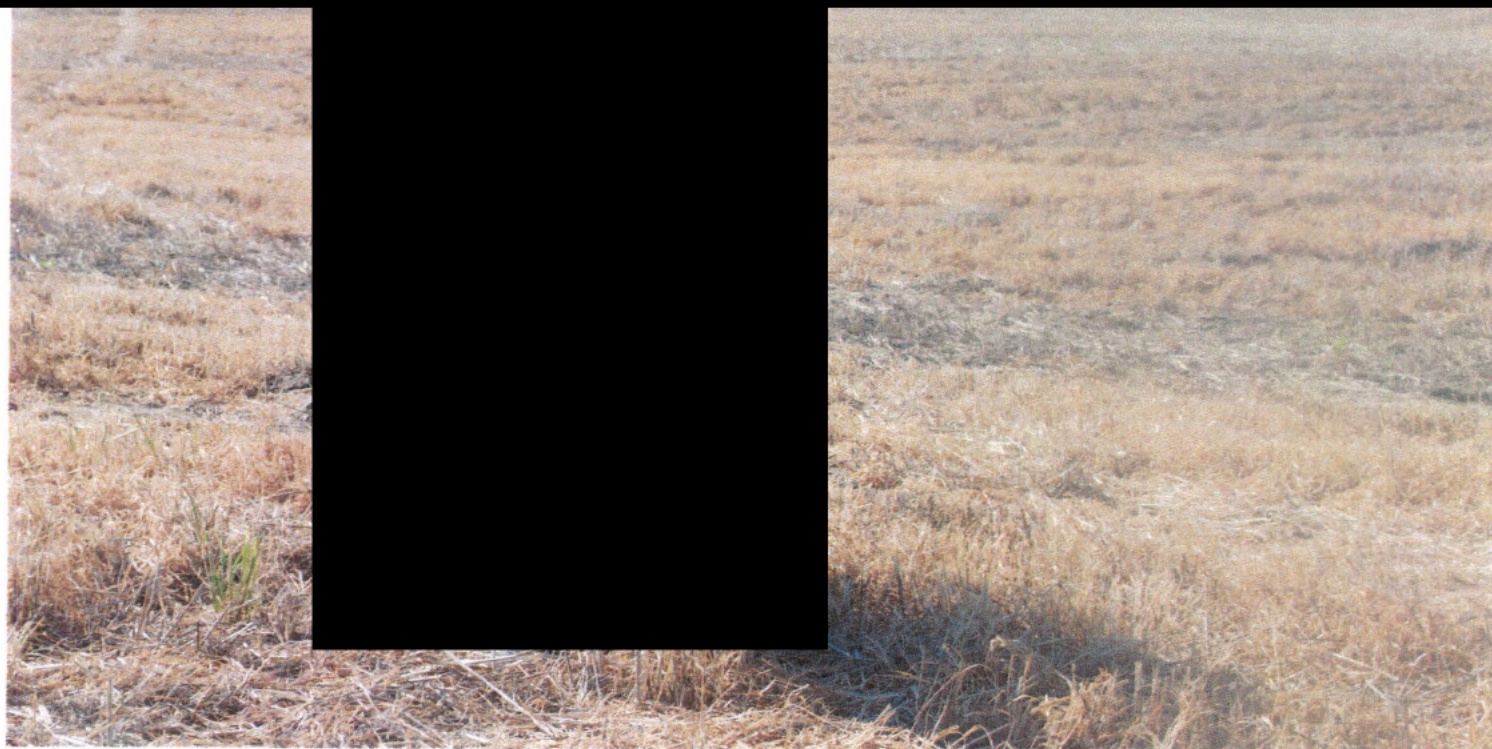
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CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG

(b)(6), (b)(7)(C)



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7) Sample collection

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR120

DATE: 05

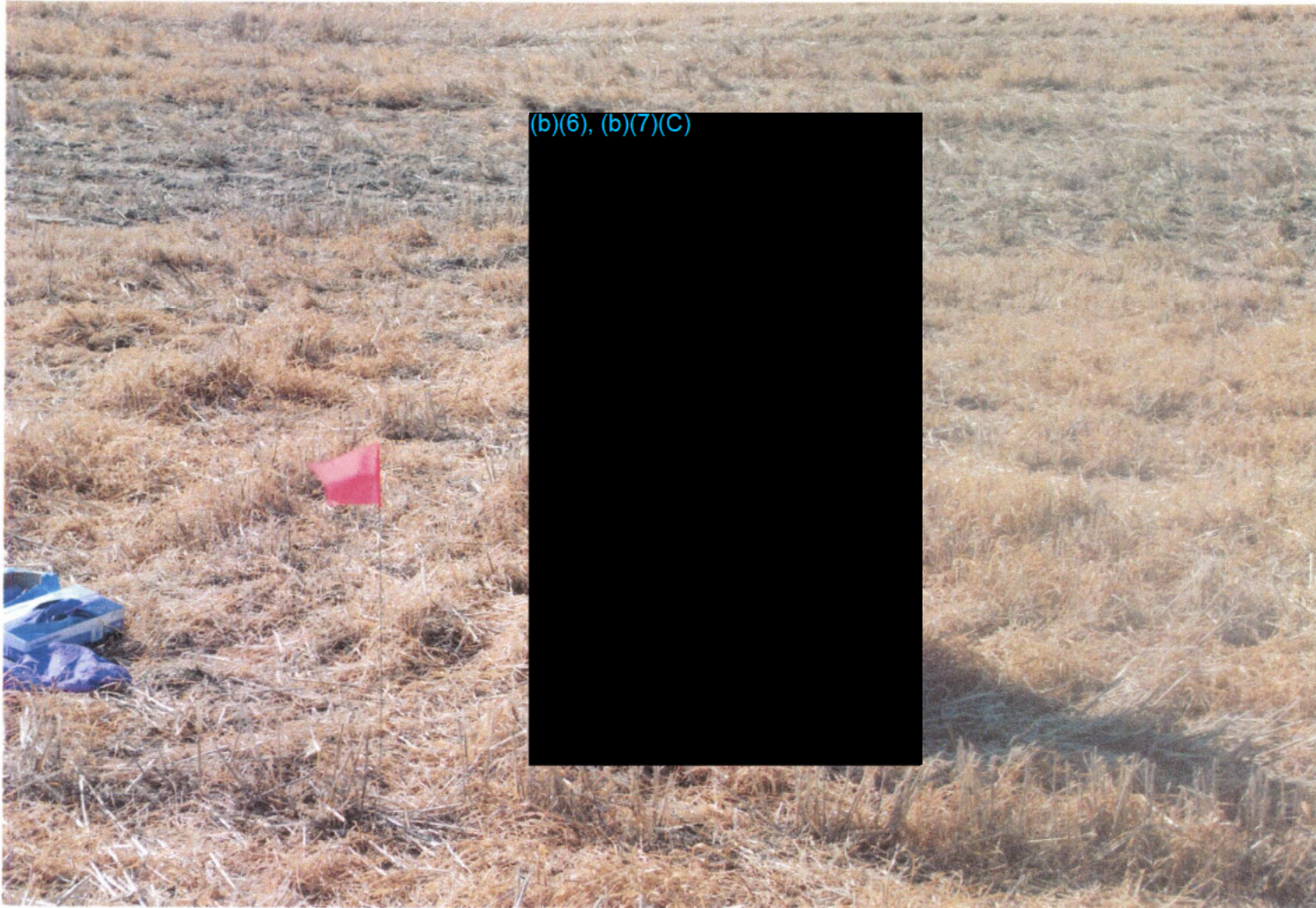


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CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b) - Control Sample

DATE OF PHOTOGRAPH:

05/8/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

(b)(6), (b)(7)(C)

OR120

DATE: 05/12/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b) - Control Sample

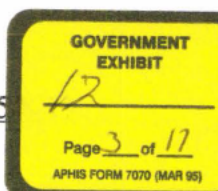
05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR12

DATE: 05/08/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7) Control Sample

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR1200

DATE: 05/08/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7)(C) - Control Sample

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR120

DATE: 05

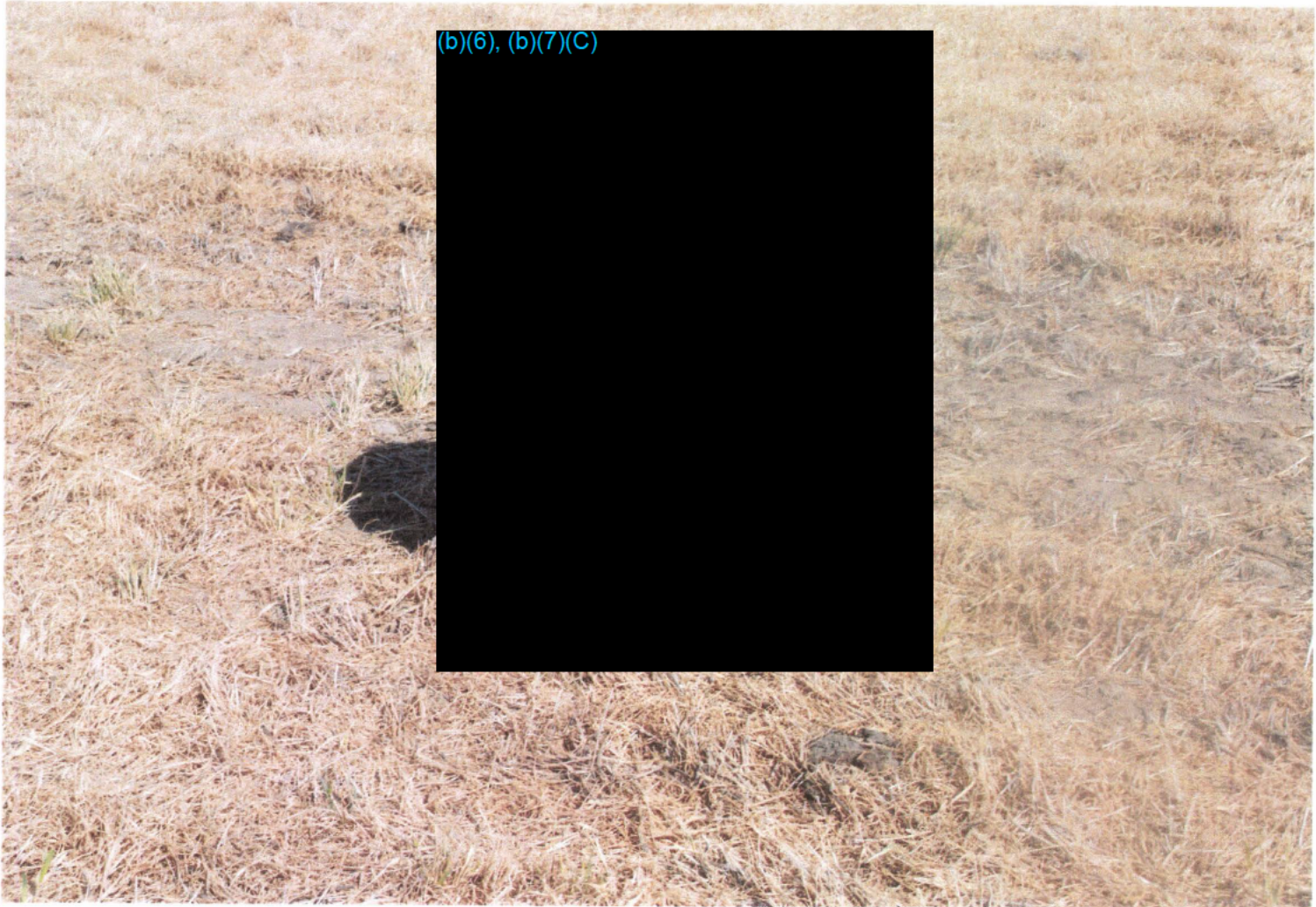


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CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7) Control Sample

DATE OF PHOTOGRAPH:

05/8/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

(b)(6), (b)(7)(C)

OR1

DATE: 05



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG

(b)(6), (b)(7)(C)



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b) - Sample collection

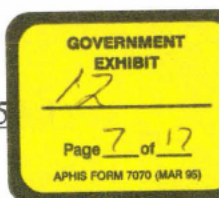
05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR120

DATE: 05



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b) - Sample collection

05/8/13

(b)(6), (b)(7)(C), Investigator

OR120018_BR_000277

DATE: 05



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7) Control Sample

DATE OF PHOTOGRAPH:

05/8/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

(b)(6), (b)(7)(C)

OR1

DATE: 05/



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7) Sample collection

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR1

DATE: 05/12/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b) - Control Sample

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)

(7)(C)

OR120

00283

DATE: 05



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG

(b)(6), (b)(7)(C)



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b) - Sample collection

05/8/13

(b)(6), (b)(7)(C), Investigator

OR120 (b)(6), (b)(7)(C) 00285

DATE: 05/12/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b) - Control Sample

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR120

DATE: 0



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b) - Sample collection

DATE OF PHOTOGRAPH:

05/8/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

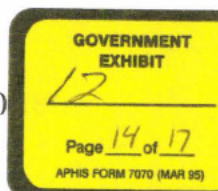
SIGNATURE OF PHOTOGRAPHER:

(b)(6), (b)(7)(C)

OR1200

9

DATE: 0



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7) Sample collection

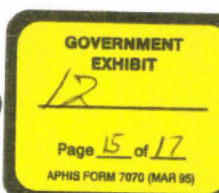
05/8/13

(b)(6), (b)(7)(C) , Investigator

(b)(6), (b)(7)(C)

OR1200

DATE: 0



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG

(b)(6), (b)(7)(C)



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7) Sample collection

05/8/13

(b)(6), (b)(7)(C), Investigator

(b)(6), (b)(7)(C)

OR120

DATE: 05



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0226.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7) Control sample

DATE OF PHOTOGRAPH:

05/8/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

(b)(6), (b)(7)

OR120(C)

00295

DATE: 05

GOVERNMENT
EXHIBIT

Page 12 of 12

APHIS FORM 7070 (MAR 98)

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
BIOTECHNOLOGY REGULATORY SERVICE
PERMIT UNDER 7 CFR 340
(Genetically Engineered Organisms or Products)

This permit was generated electronically via the ePermits system

Enclosed is the BRS Permit Application

PERMITTEE NAME: Steven M Bennett
ORGANIZATION: United States Department
of Agriculture/Animal and
Plant Health Inspection
Service
ADDRESS: 4700 River Road
Riverdale, MD, MD 20737
PHONE: 301-851-3930
FAX:
DESTINATION: MO, NC

PERMIT NUMBER 13-128-106m-a1
AMENDMENT DATE: May 20, 2013
ORIGINAL EFFECTIVE DATE: May 8, 2013
EXPIRES: **May 8, 2014**

INTRODUCTION TYPE Interstate Movement
PERMIT TYPE Standard
PURPOSE OF PERMIT Traditional

Regulated Article: Triticum aestivum

Under the conditions specified, this permit authorizes the following:

Permit Number: 13-128-106m-a1

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING BRS OFFICIAL VIA EPERMITS

SIGNATURE OF BRS OFFICIAL

Steven M. Bennett

DATE

May 20, 2013



The collection of this information is authorized by the Plant Protection Act of 2000. The information will be used to determine eligibility to receive all types of permits. No permit will be issued until this application has been approved.

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
BIOTECHNOLOGY REGULATORY SERVICE
APPLICATIONS FOR PERMIT OR COURTESY PERMIT UNDER 7 CFR 340
(Genetically Engineered Organisms or Products)

1. NAME, ADDRESS, TELEPHONE, AND EMAIL OF APPLICANT

Name: Steven M Bennett
Position:
Organization: United States Department of
Agriculture/Animal and Plant
Health Inspection Service
Organization Unique ID: BRS000
Address: 4700 River Road
Riverdale, MD, MD 20737
County/Province:
Township/Island:
Day Telephone: 301-851-3930
FAX:
Alternate: (b)(6), (b)(7)
Email 1: Steven.M.Bennett@aphis.usda.gov
Email 2:

2. INTRODUCTION TYPE

- ☐ Importation
☒ Interstate Movement
☐ Interstate Movement and Release
☐ Release

3. PERMIT TYPE

- ☒ Standard
Permit
☐ Courtesy
Permit

4. PURPOSE OF PERMIT

- ☐ Industrial Product
☐ Pharmaceutical Product
☐ Phytoremediation
☒ Traditional

5. CONFIDENTIAL BUSINESS INFORMATION VERIFICATION (CBI)

Does this application contain CBI? ☒ Yes ☐ No

CBI Justification:

[]

6. REQUEST TYPE

☐ New ☒ Amendment ☐ Renewal ☐ Variance ☐ Amendment, Renewal and/or Variance

Amendment/Renewal Description:

[]

Previous Permit Number(s): 13-128-106m

7. MEANS OF MOVEMENT

[]

8. VARIANCE VERIFICATION

Have you previously applied for variance(s) that you wish to apply to this permit? ☐ Yes ☒ No

Variance Number(s):

If so, describe in a brief summary how the variance will be applied:

N/A

9. REGULATED ARTICLE

Scientific Name: Triticum aestivum

Common Name: Wheat

Cultivar and/or Breeding Line:

Any biological material (e.g., culture medium, or host material) accompanying the regulated Article during movement:

[]

Country and locality where the donor organism, recipient organism, and vector or vector agent were collected, developed, and produced:

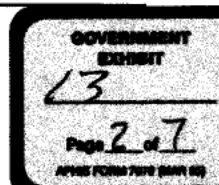
[]

Processes, Procedures, and Safeguards Description:

10. ARTICLE SUPPLIER AND/OR DEVELOPER

Name	Location	Contact Information
------	----------	---------------------

WARNING: Any use of ePermits to make materially false, fictitious, or fraudulent statements or representations is subject to civil penalties of up to \$250,000 (7 U.S.C. § 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. §1001).



[] [] []	[] [], OR []	Day Telephone: []-[]-[] FAX: Email:
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11. PHENOTYPES/GENOTYPE

1) Phenotypic Designation Name:

Identifying Line(s):

Construct(s): []

Mode of Transformation: []

Phenotype Description:

A description of the anticipated or actual expression of the altered genetic material in the regulated article and how that expression differs from the expression in the non-modified parental organism.

Phenotype(s)

OO - []

Genotype(s)

[]
[]: [] from [] - []

12. INTRODUCTION

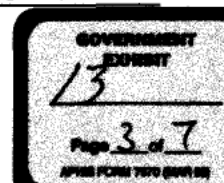
Point of Origin

Location Name & Description	Location Address	Contact(s)
1) []	[] [], MO [] County: Leavenworth	1) [] [] Day Telephone: []
2) [] - []	[] [], OR [] County: Multnomah	1) [] [] [] [] [], OR County: Multnomah Day Telephone: []

Destination

Location Name & Description	Location Address	Contact(s)
1) []	[] [], MO [] County: [] Proposed Start Date: [] Proposed End Date: [] Quantity: [] [] [] Inspected by BRS or PPQ? Unknown Previous Permit No.:	1) [] [] Day Telephone: []
2) []	[] [], NC [] County: Gaston Proposed Start Date: [] Proposed End Date: [] Quantity: [] [] []	1) [] [] Day Telephone: []

WARNING: Any use of ePermits to make materially false, fictitious, or fraudulent statements or representations is subject to civil penalties of up to \$250,000 (7 U.S.C. § 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. §1001).



Inspected by BRS or PPQ? Unknown
Previous Permit No.:

13. DESIGN PROTOCOLS**Production Design**

A detailed description of the purpose for the introduction of the regulated article including detailed description of the proposed experimental and/or production design:

N/A

Destination or Release Description

A detailed description of the intended destination (including final and all intermediate destinations), uses, and/or distribution of the regulated article (e.g., greenhouses, laboratory, or growth chamber location; field trial location, pilot project location; production, propagation, and manufacture location; proposed sale and distribution location):

Confinement Protocols

A detailed description of the proposed procedures, processes, and safeguards which will be used to prevent escape and dissemination of the regulated article at each of the intended destinations:

Final Disposition Method:☐

Destruction/Devitalization

☒

Other

☐

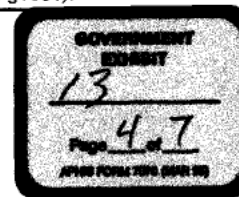
Storage in Contained Facility

Final Disposition Description:

[]

14. ATTACHMENTS**15. ADDITIONAL INFORMATION****16. COURTESY JUSTIFICATION**

WARNING: Any use of ePermits to make materially false, fictitious, or fraudulent statements or representations is subject to civil penalties of up to \$250,000 (7 U.S.C. § 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. §1001).



I, *Steven M Bennett*, hereby certify that the information in this application and all attachments is complete and accurate to the best of my knowledge and belief.

I acknowledge this is not an application to move or import select agents, the genes expressing select agents, or the toxins made by the select agents, as described in 9 CFR 121.

I will not introduce the regulated articles described in this application until APHIS has deemed the application complete and has granted the permit. By signing this permit, I agree to comply with any and all state, local, and tribal laws and regulations that may apply to the introduction of the articles described in this applications.

If there are any changes to the information disclosed in this application, I will contact APHIS.

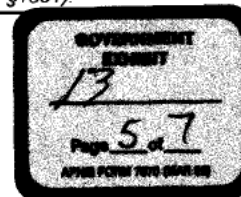
17. SIGNATURE OF RESPONSIBLE PERSON

Steven M Bennett

18. DATE

May 20, 2013

WARNING: Any use of ePermits to make materially false, fictitious, or fraudulent statements or representations is subject to civil penalties of up to \$250,000 (7 U.S.C. § 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C. §1001).



Standard Permit Conditions for the Introduction of a Regulated Article

(7 CFR 340.4 (f))

Permit Conditions: A person who is issued a permit and his/her employees or agents shall comply with the following conditions, and any supplemental conditions which shall be listed on the permit, as deemed by the Deputy Administrator to be necessary to prevent the dissemination and establishment of plant pests:

- (1) The regulated article shall be maintained and disposed of (when necessary) in a manner so as to prevent the dissemination and establishment of plant pests.
- (2) All packaging material, shipping containers, and any other material accompanying the regulated article shall be treated or disposed of in such a manner as to prevent the dissemination and establishment of plant pests.
- (3) The regulated article shall be kept separate from other organisms, except as specifically allowed in the permit.
- (4) The regulated article shall be maintained only in areas and premises specified in the permit.
- (5) An inspector shall be allowed access, during regular business hours, to the place where the regulated article is located and to any records relating to the introduction of a regulated article.
- (6) The regulated article shall, when possible, be kept identified with a label showing the name of the regulated article, and the date of importation.
- (7) The regulated article shall be subject to the application of measures determined by the Administrator to be necessary to prevent the accidental or unauthorized release of the regulated article.
- (8) The regulated article shall be subject to the application of remedial measures (including disposal) determined by the administrator to be necessary to prevent the spread of plant pests.
- (9) A person who has been issued a permit shall submit to APHIS a field test report within 6 months after the termination of the field test. A field test report shall include the APHIS reference number, methods of observation, resulting data, and analysis regarding all deleterious effects on plants, nontarget organisms, or the environment.
- (10) APHIS shall be notified within the time periods and manner specified below, in the event of the following occurrences:
 - (i) Orally notified immediately upon discovery and notify in writing within 24 hours in the event of any accidental or unauthorized release of the regulated article;
 - (ii) In writing as soon as possible but not later than within 5 working days if the regulated article or associated host organism is found to have characteristics substantially different from those listed in the application for a permit or suffers any unusual occurrence (excessive mortality or morbidity, or unanticipated effect on non-target organisms).
- (11) A permittee or his/her agent and any person who seeks to import a regulated article into the United States shall:
 - (i) Import or offer the regulated article for entry only through any USDA plant inspection station listed in 7 CFR 319.37-14;
 - (ii) Notify APHIS promptly upon arrival of any regulated article at a port of entry, of its arrival by such means as a manifest, customs entry document, commercial invoice, waybill, a broker's document, or a notice form provided for such purpose; and
 - (iii) Mark and identify the regulated article in accordance with 7 CFR 340.7.

Rev. January 1, 2010

Permit Number: 13-128-106m-a1

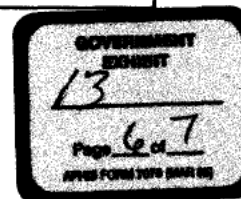
THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING BRS OFFICIAL VIA EPERMITS

SIGNATURE OF BRS OFFICIAL

Steven M. Bennett

DATE

May 20, 2013



Any regulated article introduced not in compliance with the requirements of 7 CFR 340 or any standard or supplemental permit conditions, shall be subject to the immediate application of such remedial measures or safeguards as an inspector determines necessary, to prevent the introduction of such plant pests. Any regulated article introduced not in compliance with the requirements of 7 Code of Federal Regulation Part 340 or any standard or supplemental permit conditions, shall be subject to the immediate application of such remedial measures or safeguards as an inspector determines necessary, to prevent the introduction of such plant pests. The responsible party may be subject to fines or penalties as authorized by the Plant Protection Act (7 U.S.C. 7701-7772).

Permit Number: 13-128-106m-s1

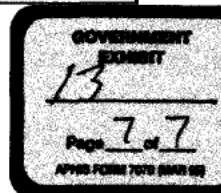
THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING BRS OFFICIAL VIA EPERMITS

SIGNATURE OF BRS OFFICIAL

Steven M. Bennett

DATE

May 20, 2013



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, Domestic Program Coordinator
USDA APHIS PPQ

Receiver's Office and Location

Airport Business Center
6135 NE 80th Ave, Suite A-5
Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner: (b)(6), [REDACTED]
[REDACTED]

3. Location where property was acquired

(b)(6), (b)(7)(C) [REDACTED]
[REDACTED] OR

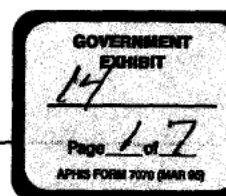
4. Date of acquisition: Wednesday, May 8, 2013

5. Purpose for which obtained: Test for presence of glyphosate resistance.

6. Item No.	Quantity	Description of Articles
		Include specimen no., serial no., seal no., identifying marks, and condition when appropriate
OR130018-BR-1	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-2	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-3	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-4	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-5	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-6	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-7	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-8	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-9	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-10	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-11	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-12	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-13	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-14	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-15	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-16	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-17	1	Collection bag marked with Item No., Wheat sample, control sample ✓

Control number or name OR130018-BR

Page 1



OR120018_BR_000311

OR130018-BR-18	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-19	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-20	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-21	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-22	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-23	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-24	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-25	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-26	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-27	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-28	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-29	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-30	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-31	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-32	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-33	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-34	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-35	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-36	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-37	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-38	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-39	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-40	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-41	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-42	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-43	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-44	1	Collection bag marked with Item No., Wheat sample, control sample ✓
OR130018-BR-45	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-46	1	Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-47	1	Collection bag marked with Item No., Wheat sample, control sample ✓

Control number or name OR130018-BR

Page 2

OR120018_BR_000313



OR130018-BR-48 1 Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-49 1 Collection bag marked with Item No., Wheat sample, treated with Paraquat
OR130018-BR-50 1 Collected by (b) (b)(6), on 04/30/13, prior to Paraquat treatment.

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-1	Gary W. Brown (b) (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-2	Gary W. Brown (b) (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-3	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-4	Gary W. Brown (b) (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-5	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-6	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-7	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-8	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-9	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-10	Gary W. Brown (b)(6), (b)(7)(C)	05/08/13		

Control number or name OR130018-BR

Page 3

OR120018_BR_000315



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-11	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-12	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-13	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-14	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-15	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-16	Gary W. Brown	05/08/13		
OR130018-BR-17	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-18	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-19	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-20	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
OR130018-BR-21	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Control number or name OR130018-BR

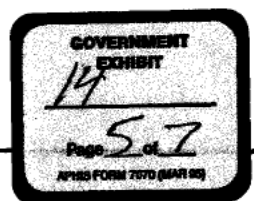
Page 4



OR120018_BR_000317

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-22	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR23	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-24	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-25	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-26	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-27	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-28	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-29	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-30	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-31	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-32	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Control number or name OR130018-BR



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-33	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-34	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-35	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-36	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-37	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-38	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-39	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-40	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-41	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-42	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-43	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Control number or name _____

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OR120018_BR_000321



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-44	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-45	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-46	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-47	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-48	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

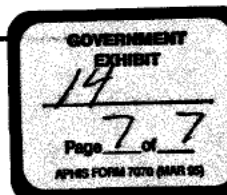
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-49	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-50	Gary W. Brown	05/08/13		
(b)(6), (b)(7)(C)				

Control number or name _____

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OR120018_BR_000323



**Proof of Delivery**[Close Window](#)

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number: 1Z26Y1W70195788393
Service: UPS Next Day Air®
Weight: 20.00 lbs
Shipped/Billed On: 05/08/2013
Delivered On: 05/09/2013 9:42 A.M.
Delivered To: GASTONIA, NC, US
Signed By: (b)(6), (b)(7)(C)
Left At: Dock

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 09/24/2013 5:01 P.M. ET

[Print This Page](#)[Close Window](#)

**United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody**

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, Domestic Program Coordinator
USDA APHIS PPQ

Receiver's Office and Location

Airport Business Center
6135 NE 80th Ave, Suite A-5
Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner: (b)(6),

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Wednesday, May 8, 2013

5. Purpose for which obtained: Test for presence of glyphosate resistance.

6. Subsequent handling:

On May 8, 2013, Gary W. Brown (APHIS PPQ) shipped Item Nos. OR130018-BR-1 through OR130018-BR-50 to Dr. Deepak Srivastava at the USDA AMS Lab located at 801 Summit Crossing Place, Gastonia, North Carolina 28054, via UPS Tracking Number 1Z26 Y1W7 0195 788393. On May 9, 2013 at 9:42a.m., UPS delivered the shipment of Item Nos. OR130018-BR-1 through OR130018-BR-50 to Dr. Deepak Srivastava, who confirmed receipt by signing the Chain-of-Custody for the samples that Gary W. Brown sent (copy attached).

On May 20, 2013, Dr. Deepak Srivastava (USDA AMS Lab, Gastonia, North Carolina) prepared a portion of each sample that he received on May 9, 2013 (Item Nos. OR130018-BR-1 through OR130018-BR-50) and created a subset of these samples for further testing by USDA GIPSA. This subset of samples is referred to as Item Nos. OR130018-BR-1A through OR130018-BR-50A. These samples, Item Nos. OR130018-BR-1A through OR130018-BR-50A are relinquished to Tandace A. Bell, PhD, Chief, Biotechnology and Analytical Services Branch, USDA-GIPSA Technology and Science Division, 10383 North Ambassador Drive Kansas City, MO 64153.

7. Item**Description of Articles**

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate
OR130018-BR-1A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-2A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-3A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-4A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-5A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-6A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-7A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-8A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-9A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-10A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-11A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat

OR120018_BR_000327

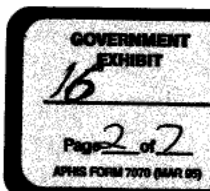
GOVERNMENT
EXHIBIT

Page 1 of 7

APHIS FORM 7026 (6/04/05)

OR130018-BR-12A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-13A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-14A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-15A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-16A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-17A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-18A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-19A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-20A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-21A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-22A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-23A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-24A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-25A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-26A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-27A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-28A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-29A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-30A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-31A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-32A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-33A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-34A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-35A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-36A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-37A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-38A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-39A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-40A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-41A	1	Collection bag marked with Item No., portion of wheat sample, control sample

OR120018_BR_000329



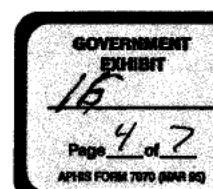
OR130018-BR-42A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-43A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-44A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-45A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-46A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-47A	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-48A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-49A	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-50A	1	Collection bag marked with Item No (collected by (b) (6), (b) (7) on 04/30/13, prior to Paraquat treatment.

8. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-1A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-2A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-3A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-4A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-5A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-6A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-7A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				

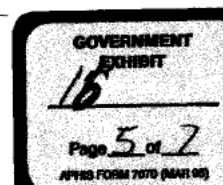
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-8A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-9A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-10A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-11A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-12A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-13A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-14A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-15A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-16A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-17A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-18A (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	05/20/13		

OR120018_BR_000333



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-19A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-20A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-21A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-22A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-23A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-24A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-25A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-26A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-27A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-28A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-29A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				

OR120018_BR_000335



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-30A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-31A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-32A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-33A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-34A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-35A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-36A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-37A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-38A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-39A	Dr. Deepak Srivastava	05/20/13		
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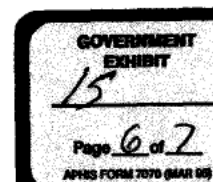
(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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OR130018-BR-40A	Dr. Deepak Srivastava	05/20/13		
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(b)(6), (b)(7)(C)

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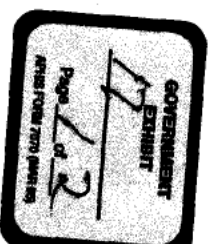
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-41A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-42A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-43A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-44A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-45A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-46A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-47A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-48A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-49A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-50A	Dr. Deepak Srivastava	05/20/13		
(b)(6), (b)(7)(C)				

UPS CampusShip: View/Print Label

1. Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
 2. Fold the printed sheet containing the label at the line so that the entire shipping label is visible. Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
 3. **GETTING YOUR SHIPMENT TO UPS**
UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.
Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
Hand the package to any UPS driver in your area.
To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
- Customers with a Daily Pickup**
Your driver will pickup your shipment(s) as usual.

FOLD HERE

LEA FLEMING 704 867-3873 1501 USDA AMS 8&T NSL 801 SUMMIT CROSSING PL GASTONIA NC 28054	10 LBS	1 OF 1
SHIP TO: (b)(6), (b)(7)(C) 8168910459 USDA-GIPSA, TECH & SCIENCE DIVISION BIOTECH & ANALYTICAL SERV. BRANCH 10383 NORTH AMBASSADOR DRIVE KANSAS CITY MO 64153-1377		
	KS 641 9-02 	
UPS EARLY A.M. TRACKING #: 1Z 072 E1E 15 9695 7047		1+
		
BILLING: P/P UN1845, DRY ICE, CLASS 9, 1 x 1.6 KG AUDIT REQUIRED		
<small>GS 15.1.10. WNTZ90 39-0A 04/2013</small>		





Proof of Delivery

[Close Window](#)

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

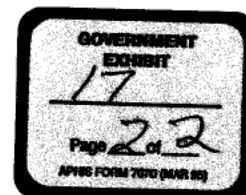
Tracking Number: 1Z072E1E1596957047
Service: UPS Next Day Air® Early A.M.®
Weight: 10.00 lbs
Shipped/Billed On: 05/20/2013
Delivered On: 05/21/2013 7:10 A.M.
Delivered To: KANSAS CITY, MO, US
Signed By: (b)(6), (b)(7)(C)
Left At: Front Desk

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 09/22/2013 4:36 P.M. ET

[Print This Page](#)[Close Window](#)

(b)(6), (b)(7)(C)

- APHIS

From: Srivastava, Deepak - AMS
Sent: Tuesday, June 04, 2013 2:18 PM
To: Jhee, Edward M - APHIS; (b)(6), (b)(7)(C) APHIS
Cc: Hoffman, Neil E - APHIS; Simonds, Roger - AMS; Guo, Ruihong - AMS
Subject: RE: UPS Ship Notification, Tracking Number 1Z072E1E0196715486
Attachments: coc wheat dna.pdf

Please find attached signed COC forms for DNA samples.

Thanks!-Deepak

From: Jhee, Edward M - APHIS
Sent: Tuesday, June 04, 2013 3:04 PM
To: Srivastava, Deepak - AMS
Cc: Hoffman, Neil E - APHIS; Simonds, Roger - AMS; Guo, Ruihong - AMS
Subject: Re: UPS Ship Notification, Tracking Number 1Z072E1E0196715486

Thanks AMS! Can you get a scan of the COC back to (b) ?
(6)

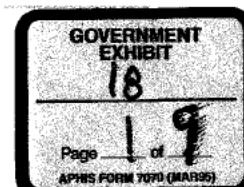
Cheers, Ed

Edward M. Jhee, Ph.D.
Director, Regulatory Operations Program
USDA-APHIS-BRS
4700 River Road, Unit 91
Riverdale, MD 20737
Office: 301-851-3948
Mobile: (b)(6), (b)(7)(C)
Fax: 301-734-8910
edward.m.jhee@aphis.usda.gov

On Jun 4, 2013, at 3:01 PM, "Srivastava, Deepak - AMS" <Deepak.Srivastava@ams.usda.gov> wrote:

FYI. DNA samples for wheat variety testing has been shipped to Pullman , WA.

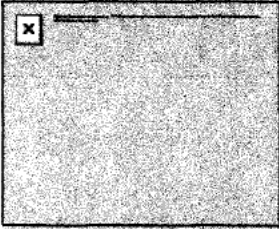
From: UPS Quantum View [<mailto:auto-notify@ups.com>]
Sent: Tuesday, June 04, 2013 2:58 PM
To: Srivastava, Deepak - AMS
Subject: UPS Ship Notification, Tracking Number 1Z072E1E0196715486



UPS My Choice® can
help you avoid missed
home deliveries.

This message was sent to you at the request of USDA AMS S&T NSL to notify you that the electronic shipment information below has been transmitted to UPS. The physical package(s) may or may not have actually been tendered to UPS for

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shipment. To verify the actual transit status of your shipment, click on the tracking link below or contact USDA AMS S&T NSL directly.

Important Delivery Information

Scheduled Delivery: 05-June-2013

Shipment Detail

Ship To:

Deven R. See
Washington State University
209 Johnson Hall
Western Regional Small Grains
Genotyping Center USDA-ARS
PULLMAN
WA
99164
US

Number of Packages: 1

UPS Service: NEXT DAY AIR

Hazardous Materials: YES

Weight: 4.0 LBS

Tracking Number: 1Z072E1E0196715486

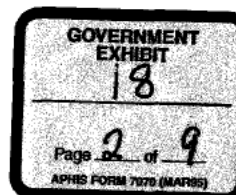
[Click here](http://www.ups.com/WebTracking/track?loc=en_US) to track if UPS has received your shipment or visit http://www.ups.com/WebTracking/track?loc=en_US on the Internet.

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**United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody**

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, Domestic Program Coordinator
USDA APHIS PPQ

Receiver's Office and Location

Airport Business Center
6135 NE 80th Ave, Suite A-5
Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner: (b) [REDACTED]

3. Location where property was acquired

(b)(6), (b)(7)(C) [REDACTED]

4. Date of acquisition: Wednesday, May 8, 2013

5. Purpose for which obtained: Test for presence of glyphosate resistance.

6. Subsequent handling:

On May 8, 2013, Gary W. Brown (APHIS PPQ) shipped Item Nos. OR130018-BR-1 through OR130018-BR-50 to Dr. Deepak Srivastava at the USDA AMS Lab located at 801 Summit Crossing Place, Gastonia, North Carolina 28054, via UPS Tracking Number 1Z26 Y1W7 0195 788393. On May 9, 2013 at 9:42a.m., UPS delivered the shipment of Item Nos. OR130018-BR-1 through OR130018-BR-50 to Dr. Deepak Srivastava, who confirmed receipt by signing the Chain-of-Custody for the samples that Gary W. Brown sent (copy attached).

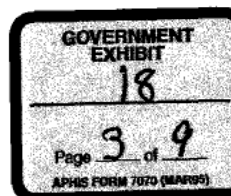
On May 20, 2013, Dr. Deepak Srivastava (USDA AMS Lab, Gastonia, North Carolina) prepared a portion of each sample that he received on May 9, 2013 (Item Nos. OR130018-BR-1 through OR130018-BR-50) and created a subset of these samples for further testing by USDA GIPSA. This subset of samples is referred to as Item Nos. OR130018-BR-1A through OR130018-BR-50A. These samples, Item Nos. OR130018-BR-1A through OR130018-BR-50A are relinquished to Tandace A. Bell, PhD, Chief, Biotechnology and Analytical Services Branch, USDA-GIPSA Technology and Science Division, 10383 North Ambassador Drive Kansas City, MO 64153.

On June 4, 2013, Dr. Deepak Srivastava (USDA AMS Lab, Gastonia, North Carolina) prepared a portion of each sample that he received on May 9, 2013 (Item Nos. OR130018-BR-1 through OR130018-BR-50) and created a subset of these samples for DNA testing by USDA ARS lab in Pullman, Washington. This subset of samples is referred to as Item Nos. OR130018-BR-1C through OR130018-BR-50C. These samples, Item Nos. OR130018-BR-1C through OR130018-BR-50C are relinquished to Deven R. See Western Regional Small Grains Genotyping Center USDA-ARS, 209 Johnson Hall, Washington State University, Pullman, WA 99164

7. Item**Description of Articles**

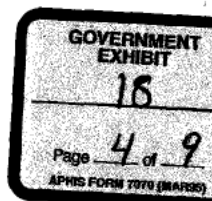
No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate
OR130018-BR-1C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-2C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-3C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-4C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-5C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-6C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-7C	1	Collection bag marked with Item No., portion of wheat sample, control sample

OR120018_BR_000349



OR130018-BR-8C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-9C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-10C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-11C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-12C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-13C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-14C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-15C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-16C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-17C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-18C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-19C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-20C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-21C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-22C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-23C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-24C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-25C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-26C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-27C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-28C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-29C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-30C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-31C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-32C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-33C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-34C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-35C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-36C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-37C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat

OR120018_BR_000351



OR130018-BR-38C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-39C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-40C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-41C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-42C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-43C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-44C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-45C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-46C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-47C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-48C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-49C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-50C	1	Collection bag marked with Item No (collected by (b) [REDACTED] on 04/30/13, prior to Paraquat treatment.

8. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-1C	Dr. Deepak Srivastava	06/04/13		
(b)(6), (b)(7)(C)	[REDACTED]			
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-2C	Dr. Deepak Srivastava	06/04/13		
(b)(6), (b)(7)(C)	[REDACTED]			
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-3C	Dr. Deepak Srivastava	06/04/13		
(b)(6), (b)(7)(C)	[REDACTED]			
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-4C	Dr. Deepak Srivastava	06/04/13		
(b)(6), (b)(7)(C)	[REDACTED]			
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-5C	Dr. Deepak Srivastava	06/04/13		
(b)(6), (b)(7)(C)	[REDACTED]			
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-6C	Dr. Deepak Srivastava	06/04/13		
(b)(6), (b)(7)(C)	[REDACTED]			

OR120018_BR_000353

OR130018-BR

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-7C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-8C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-9C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-10C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-11C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-12C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-13C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-14C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-15C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-16C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by
Sign and Print Name

Date

Received By
Sign and Print Name

Date

OR130018-BR-17C Dr. Deepak Srivastava 06/04/13

(b)(6), (b)(7)(C)

OR120018_BR_000355

GOVERNMENT
EXHIBIT

18

Page 6 of 9
APHIS FORM 7070 (MAR99)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-18C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-19C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-20C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-21C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-22C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-23C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-24C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-25C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-26C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

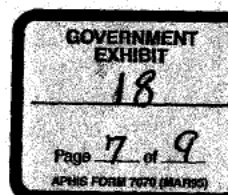
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-27C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-28C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

OR120018_BR_000357



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-29C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-30C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-31C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-32C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-33C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-34C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-35C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-36C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-37C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-38C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-39C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/04/13		

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-40C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-41C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-42C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-43C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-44C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-45C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-46C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-47C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-48C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

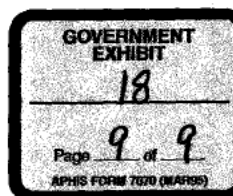
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-49C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-50C	Dr. Deepak Srivastava	06/04/13		

(b)(6), (b)(7)(C)

OR120018_BR_000361



**United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody**

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, Domestic Program Coordinator
USDA APHIS PPQ

Receiver's Office and Location

Airport Business Center
6135 NE 80th Ave, Suite A-5
Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner: (b)(6),
(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Wednesday, May 8, 2013

5. Purpose for which obtained: Test for presence of glyphosate resistance.

6. Subsequent handling:

On May 8, 2013, Gary W. Brown (APHIS PPQ) shipped Item Nos. OR130018-BR-1 through OR130018-BR-50 to Dr. Deepak Srivastava at the USDA AMS Lab located at 801 Summit Crossing Place, Gastonia, North Carolina 28054, via UPS Tracking Number 1Z26 Y1W7 0195 788393. On May 9, 2013 at 9:42a.m., UPS delivered the shipment of Item Nos. OR130018-BR-1 through OR130018-BR-50 to Dr. Deepak Srivastava, who confirmed receipt by signing the Chain-of-Custody for the samples that Gary W. Brown sent (copy attached).

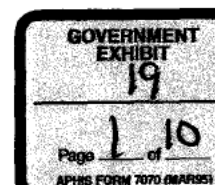
On May 20, 2013, Dr. Deepak Srivastava (USDA AMS Lab, Gastonia, North Carolina) prepared a portion of each sample that he received on May 9, 2013 (Item Nos. OR130018-BR-1 through OR130018-BR-50) and created a subset of these samples for further testing by USDA GIPSA. This subset of samples is referred to as Item Nos. OR130018-BR-1A through OR130018-BR-50A. These samples, Item Nos. OR130018-BR-1A through OR130018-BR-50A are relinquished to Tandace A. Bell, PhD, Chief, Biotechnology and Analytical Services Branch, USDA-GIPSA Technology and Science Division, 10383 North Ambassador Drive Kansas City, MO 64153.

On June 25, 2013, Dr. Deepak Srivastava (USDA AMS Lab, Gastonia, North Carolina) prepared a portion of each sample that he received on May 9, 2013 (Item Nos. OR130018-BR-1 through OR130018-BR-50) and created a subset of these samples for further testing by USDA ARS, Pullman, Washington. This subset of samples is referred to as Item Nos. OR130018-BR-1C through OR130018-BR-50C. These samples, Item Nos. OR130018-BR-1C through OR130018-BR-50C are relinquished to Dr. Deven R. See, Western Regional Small Grains Genotyping Center, USDA-ARS wheat genetics quality physiology and disease research, 209 Johnson Hall, Washington State University, Pullman, WA 99164.

7. Item**Description of Articles**

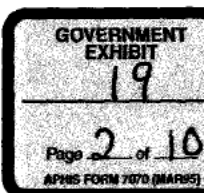
No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate
OR130018-BR-1C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-2C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-3C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-4C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-5C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-6C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-7C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-8C	1	Collection bag marked with Item No., portion of wheat sample, control sample

OR120018_BR_000363



OR130018-BR-9C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-10C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-11C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-12C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-13C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-14C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-15C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-16C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-17C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-18C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-19C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-20C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-21C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-22C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-23C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-24C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-25C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-26C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-27C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-28C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-29C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-30C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-31C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-32C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-33C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-34C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-35C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-36C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-37C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-38C	1	Collection bag marked with Item No., portion of wheat sample, control sample

OR120018_BR_000365

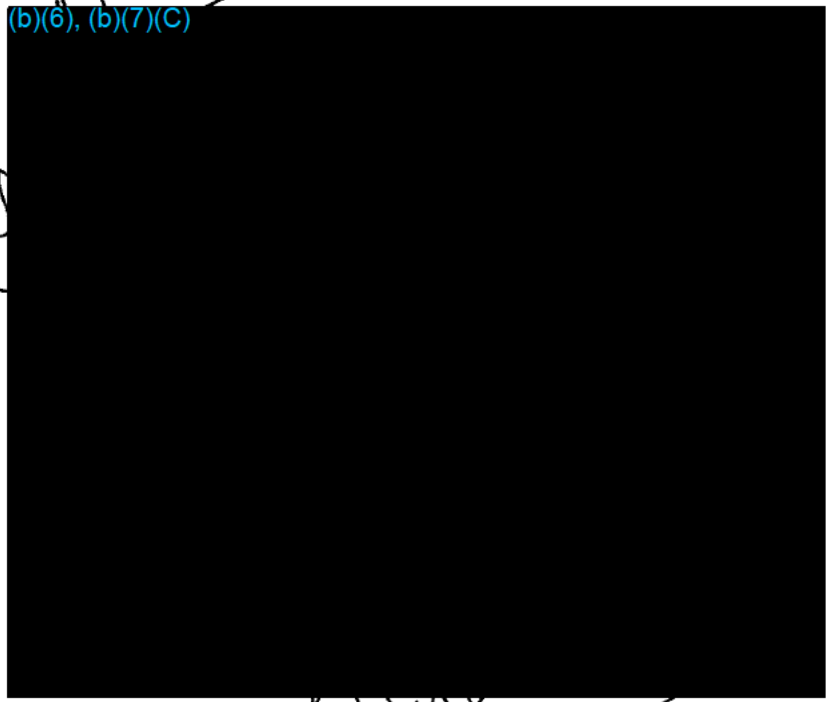


OR130018-BR-39C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-40C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-41C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-42C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-43C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-44C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-45C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-46C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-47C	1	Collection bag marked with Item No., portion of wheat sample, control sample
OR130018-BR-48C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-49C	1	Collection bag marked with Item No., portion of wheat sample, treated with Paraquat
OR130018-BR-50C	1	Collection bag marked with Item No (collected by (b) (6), (b) (7) on 04/30/13, prior to Paraquat treatment.

8. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-1C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/25/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-2C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/25/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-3C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/25/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-4C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/25/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-5C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/25/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-6C (b)(6), (b)(7)(C)	Dr. Deepak Srivastava	06/25/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-7C	Dr. Deepak Srivastava	06/25/13		

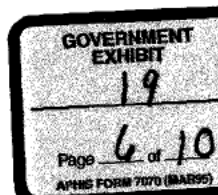
(b)(6), (b)(7)(C)



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-8C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-9C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-10C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-11C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-12C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-13C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-14C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-15C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-16C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-17C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-18C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				

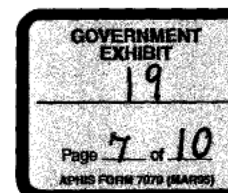
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-19C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-20C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-21C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-22C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-23C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-24C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-25C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-26C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-27C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-28C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-29C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				

OR120018_BR_000373



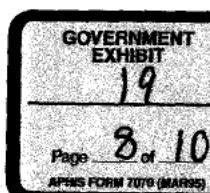
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-30C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-31C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-32C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-33C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-34C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-35C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-36C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-37C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-38C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-39C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-40C	Dr. Deepak Srivastava	06/25/13		
(b)(6), (b)(7)(C)				

OR120018_BR_000375



Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018-BR-41C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-42C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-43C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-44C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-45C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-46C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-47C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-48C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-49C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		
OR130018-BR-50C Dr. Deepak Srivastava	(b)(6), (b)(7)(C)	06/25/13		

OR120018_BR_000377



(b)(6), (b)(7)(C) - APHIS

From: (b)(6), (b)(7) - APHIS
Sent: Wednesday, January 15, 2014 5:52 PM
To: (b)(6), (b)(7)(C) - APHIS
Subject: FW: UPS Ship Notification, Tracking Number 1Z072E1E0193932765

From: Srivastava, Deepak - AMS
Sent: Tuesday, June 25, 2013 12:32 PM
To: (b)(6), (b)(7) - APHIS
Cc: Jhee, Edward M - APHIS
Subject: FW: UPS Ship Notification, Tracking Number 1Z072E1E0193932765

FYI

From: UPS Quantum View [mailto:auto-notify@ups.com]
Sent: Tuesday, June 25, 2013 3:20 PM
To: Srivastava, Deepak - AMS
Subject: UPS Ship Notification, Tracking Number 1Z072E1E0193932765

UPS My Choice® can help you avoid missed home deliveries.

[Learn More](#)

This message was sent to you at the request of USDA AMS S&T NSL to notify you that the electronic shipment information below has been transmitted to UPS. The physical package(s) may or may not have actually been tendered to UPS for shipment. To verify the actual transit status of your shipment, click on the tracking link below or contact USDA AMS S&T NSL directly.

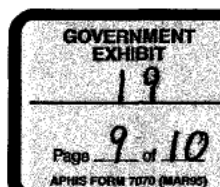
Important Delivery Information

Scheduled Delivery: 26-June-2013

Shipment Detail

Ship To:
Deven R. See
USDA- ARS Washington State Univ.
209 Johnson Hall
Western Regional Small Grains
Genotyping Center USDA-ARS

OR120018_BR_000379



PULLMAN
WA
99164
US

Number of Packages: 1

UPS Service: NEXT DAY AIR

Hazardous Materials: YES

Weight: 3.0 LBS

Tracking Number: 1Z072E1E0193932765

[Click here](http://www.ups.com/WebTracking/track?loc=en_US) to track if UPS has received your shipment or visit
http://www.ups.com/WebTracking/track?loc=en_US on the Internet.

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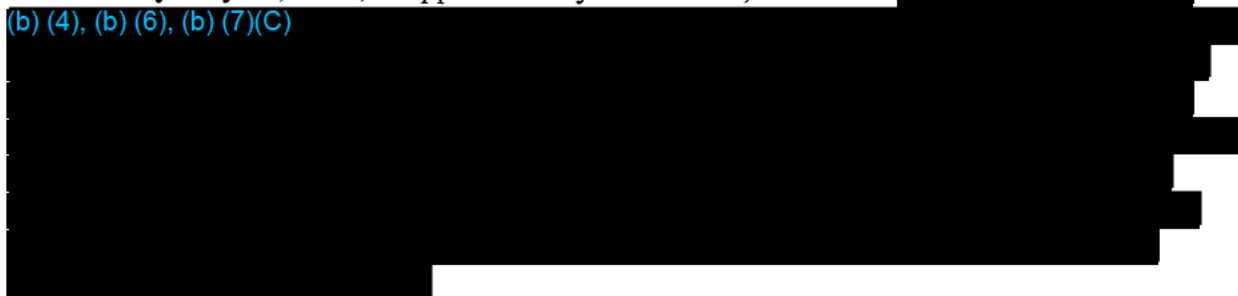


Declaration of (b)(6), (b)(7)(C)

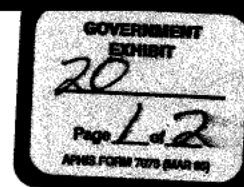
I declare that my name is (b)(6), (b)(7)(C), I am over the age of eighteen and I am fully competent to make this declaration. I know each of the facts set forth herein to be true based on personal firsthand knowledge:

I am currently employed as a (b)(6), (b)(7)(C) Investigator with the United States Department of Agriculture (USDA), Animal Plant Health Inspection Service (APHIS), Investigative and Enforcement Services (IES). I have been employed in this position for approximately seven years. My business address is USDA, APHIS, IES, 2150 Centre Avenue, Bldg. (b)(6), (b)(7)(C) Fort Collins, CO 80526. My office telephone number is (b)(6), (b)(7)(C) and my cell phone number is (b)(6), (b)(7)(C).

On Saturday May 18, 2013, at approximately 0800 hours, I met with (b)(6), (b)(7)(C) (b)(4), (b)(6), (b)(7)(C)



(b)(4), (b)(6), (b)(7)(C)



Page 1 of 2


OR120018_BR_000383

(b) (4), (b) (6), (b) (7)(C)



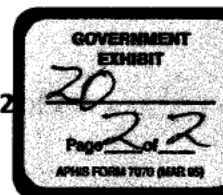
Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge. This declaration was executed on September 22, 2013.

(b)(6), (b)(7)(C)



Investigator, USDA-APHIS-IES

Page 2



OR120018_BR_000385

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0585.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7)(C) Sample collection

DATE OF PHOTOGRAPH:

05/20/13

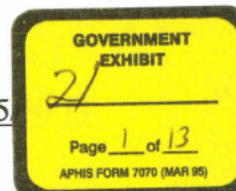
PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

OR120018_BR_000387

DATE: 05/20/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.
CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: DSC_0570.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

(b)(6), (b)(7)(C) Sample collection

05/20/13

(b)(6), (b)(7)(C) Investigator

OR120018_BR_000389

DATE: 05/20/13

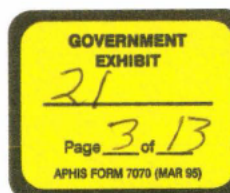


THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.
CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: DSC_0561.JPG



LOCATION: (b) (4)
EQUIPMENT USED TO RECORD IMAGE: Nikon D60
DESCRIPTION OF PHOTOGRAPH: (b)(6), (b)(7)(C) Sample collection
DATE OF PHOTOGRAPH: 05/20/13
PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), Investigator
SIGNATURE OF PHOTOGRAPHER: OR120018_BR_000391

_DATE: 05/20/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0551.JPG

(b)(6), (b)(7)(C)



(b)(6), (b)(7)(C)

LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7)(C) Sample collection

DATE OF PHOTOGRAPH:

05/20/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

OR120018_BR_000393

DATE: 05/21/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.
CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: DSC_0550.JPG



LOCATION: (b) (4)
EQUIPMENT USED TO RECORD IMAGE: Nikon D60
DESCRIPTION OF PHOTOGRAPH: (b)(6), (b)(7) () -Control Sample
DATE OF PHOTOGRAPH: 05/20/13
PRINTED NAME AND TITLE: (b)(6), (b)(7)(C) , Investigator
SIGNATURE OF PHOTOGRAPHER: OR120018_BR_000395

DATE: 05/



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.
CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: DSC_0526.JPG

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)



(b)(6), (b)(7)(C)

LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b)(4)

Nikon D60

(b)(6), (b)(7)(C)-Sample collection

05/20/13

(b)(6), (b)(7)(C), Investigator

OR120018_BR_000397

DATE: 05/



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.
CASE NO: OR130018-BR
DISK/CD NO:
FILE NO: DSC_0523.JPG



LOCATION: (b) (4)
EQUIPMENT USED TO RECORD IMAGE: Nikon D60
DESCRIPTION OF PHOTOGRAPH: (b)(6), (b)(7)(C) - Control Sample
DATE OF PHOTOGRAPH: 05/20/13
PRINTED NAME AND TITLE: (b)(6), (b)(7)(C), Investigator
SIGNATURE OF PHOTOGRAPHER: OR120018_BR_000399

DATE: 05



(b)(6), (b)(7)(C)



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7)(C)-Sample collection

DATE OF PHOTOGRAPH:

05/20/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

DATE: 05/21/13

OR120018_BR_000401



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0497.JPG



(b)(6), (b)(7)(C)



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7)(C)- Control Sample

DATE OF PHOTOGRAPH:

05/20/13

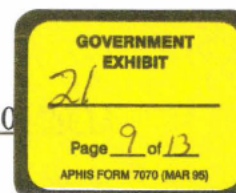
PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

OR120018_BR_000403

DATE: 0



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0462.JPG

(b)(6), (b)(7)(C)



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

(b)(6), (b)(7)(C), (b)(6), (b)(7)(C)

DATE OF PHOTOGRAPH:

05/20/13

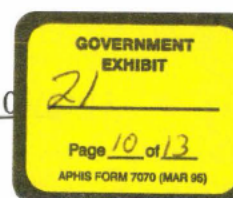
PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

DATE: 05/20/13

OR120018_BR_000405



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0518.JPG

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

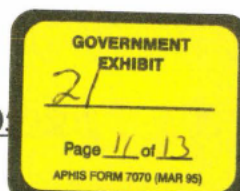
Overview of field

05/18/13

(b)(6), (b)(7)(C), Investigator

OR120018_BR_000407

__DATE: 05/18/13



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0443.JPG

(b)(6), (b)(7)(C)

LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

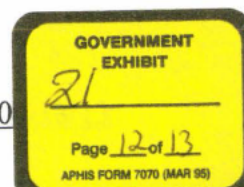
Overview of field

05/18/13

(b)(6), (b)(7)(C), Investigator

OR120018_BR_000409

__DATE: 0



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: DSC_0441.JPG

(b)(6), (b)(7)(C)



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

Overview of field

DATE OF PHOTOGRAPH:

05/18/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

_DATE: 05/

OR120018_BR_000411



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)

Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

No.

Quantity

Description of Articles
Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018-BR101 1 Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018-BR101

(b)(6), (b)(7)(C)

05/20/13

Sign and Print Name

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-101

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OR120018_BR_000412

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR102	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR102	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-102

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OR120018_BR_000414

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR103	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR103	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-103

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OR120018_BR_000416



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR104	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date
OR130018-BR104	Sign (b)(6), (b)(7)(C) Print Name	05/20/13

Received By	Date
Sign and Print Name	

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date
	Sign and Print Name	

Received By	Date
Sign and Print Name	

Item No.	Relinquished by	Date
	Sign and Print Name	

Received By	Date
Sign and Print Name	

Item No.	Relinquished by	Date
	Sign and Print Name	

Received By	Date
Sign and Print Name	

Item No.	Relinquished by	Date
	Sign and Print Name	

Received By	Date
Sign and Print Name	

Item No.	Relinquished by	Date
	Sign and Print Name	

Received By	Date
Sign and Print Name	

Item No.	Relinquished by	Date
	Sign and Print Name	

Received By	Date
Sign and Print Name	

Control number or name OR130018-BR-104

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OR120018_BR_000418

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR105	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR105	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

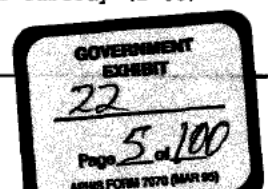
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-105

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T69 Chain of Custody (2-08)

OR120018_BR_000420



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR106	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR106	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-106

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OR120018_BR_000422

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018-BR107	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR107	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-107

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OR120018_BR_000424

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR108	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR108	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-108

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OR120018_BR_000426

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was obtained
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR109	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR109	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-109

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OR120018_BR_000428

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR110	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR110	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-110

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OR120018_BR_000430

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR111	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR111	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

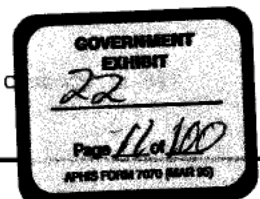
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-111

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OR120018_BR_000432

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR112	1	Collection bag marked with Item No., Wheat sample-

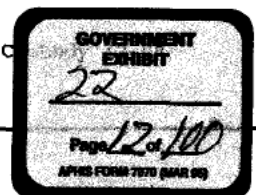
7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
(b)(6), (b)(7)(C)	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-112

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OR120018_BR_000434

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR113	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR113	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-113

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OR120018_BR_000436

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
ORI30018-BR114	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
ORI30018-BR114	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name ORI30018-BR-114

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OR120018_BR_000438

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. (b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR115	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR115	Sign and Print Name (b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

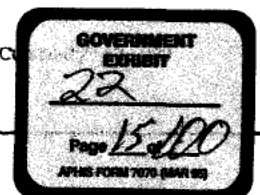
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-115

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OR120018_BR_000440

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Own (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR116	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR116	Sign and Print Name	05/20/13	Sign and Print Name	

(b)(6), (b)(7)(C)

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-116

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OR120018_BR_000442

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Date of acquisition: Monday, 05/20/13
(b)(6), (b)(7)(C)

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018-BR117	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR117	(b)(6), (b)(7)(C)		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-117

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OR120018_BR_000444

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR118	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR118	Sign and Print Name	05/20/13	Sign and Print Name	

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

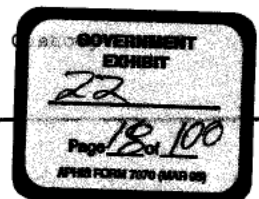
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-118

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OR120018_BR_000446

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b) (6), (b) (7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
ORI30018-BR119	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
ORI30018-BR119	(b)(6), (b)(7)(C)	05/20/13		

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Control number or name ORI30018-BR-119

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OR120018_BR_000448



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR120	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR120	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-120

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OR120018_BR_000450

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location:
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR121	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR121	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

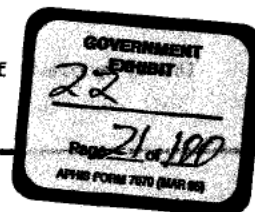
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-121

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OR120018_BR_000452



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR122	1	Collection bag marked with Item No., wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR122	(b)(6), (b)(7)(C)	05/20/13		

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

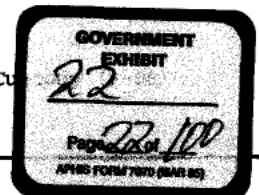
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-122

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OR120018_BR_000454

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR123	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR123	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-123

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T69 Chain of Custody



OR120018_BR_000456

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owned (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018-BR124 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018-BR124 Sign and Print Name 05/20/13

Sign and Print Name

(b)(6), (b)(7)(C)

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-124

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T69 Chain of Custody



OR120018_BR_000458

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR125	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR125	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-125

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OR120018_BR_000460

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Own (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR126	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR126	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-126

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OR120018_BR_000462

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR127	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR127	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

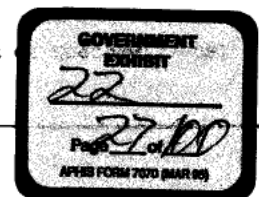
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-127

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OR120018_BR_000464

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR128	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR128	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-128

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OR120018_BR_000466

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018-BR129	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR129	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

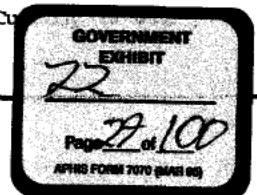
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-129

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OR120018_BR_000468



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR130	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR130	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

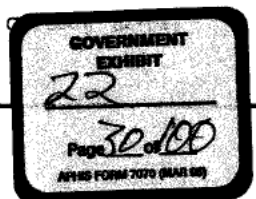
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-130

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OR120018_BR_000470



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Own (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR131	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR131	(b)(6), (b)(7)(C)	05/20/13		
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-131

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OR120018_BR_000472

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Own (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR132	1	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate. Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR132	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-132

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OR120018_BR_000474

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR133	1	1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR133	(b)(6), (b)(7)(C)	05/20/13		

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

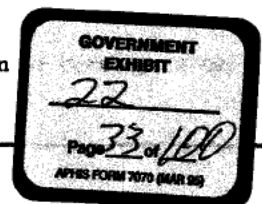
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-133

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OR120018_BR_000476

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR134	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR134	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

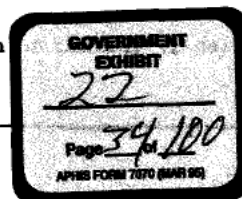
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-134

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OR120018_BR_000478

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR135	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR135	(b)(6), (b)(7)(C)	05/20/13		

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-135

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OR120018_BR_000480

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR136	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR136	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

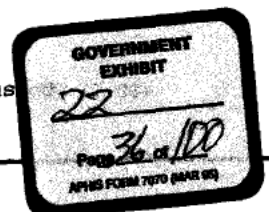
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-136

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OR120018_BR_000482

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR137	1	1Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR137	(b)(6), (b)(7)(C)	05/20/13	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

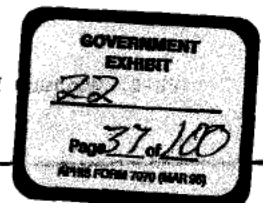
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	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-137

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OR120018_BR_000484

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR138	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR138	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-138

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OR120018_BR_000486

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Own (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR139	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR139	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-139

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OR120018_BR_000488

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Own (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR140	1	1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR140	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-140

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OR120018_BR_000490



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR141	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR141	(b)(6), (b)(7)(C)	05/20/13	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

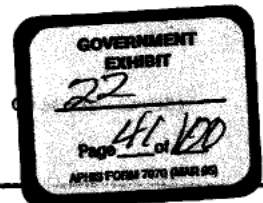
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-141

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OR120018_BR_000492

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Own
Other

(b) (6), (b) (7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR142	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR142	(b)(6), (b)(7)(C)	05/20/13		

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

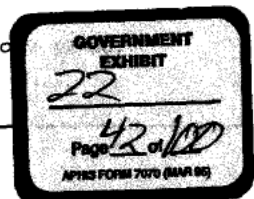
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-142

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OR120018_BR_000494

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR143	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR143	(b)(6), (b)(7)(C)	05/20/13		

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

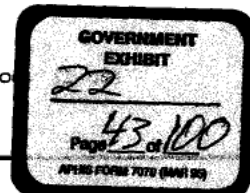
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-143

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OR120018_BR_000496

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018-BR144	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR144	(b)(6), (b)(7)(C)	05/20/13	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-144

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OR120018_BR_000498

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR145	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR145	(b)(6), (b)(7)(C)	05/20/13	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

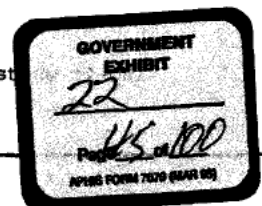
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-145

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OR120018_BR_000500

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR146	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR146	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-146

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OR120018_BR_000502

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)

Other

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018-BR147	1	1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
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OR130018-BR1 (b)(6), (b)(7)(C)

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
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Sign and Print Name

Sign and Print Name

Item No.	Relinquished by	Date	Received By	Date
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Sign and Print Name

Sign and Print Name

Item No.	Relinquished by	Date	Received By	Date
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Sign and Print Name

Sign and Print Name

Item No.	Relinquished by	Date	Received By	Date
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Sign and Print Name

Sign and Print Name

Item No.	Relinquished by	Date	Received By	Date
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Sign and Print Name

Sign and Print Name

Item No.	Relinquished by	Date	Received By	Date
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Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-147

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OR120018_BR_000504

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR148	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR148	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

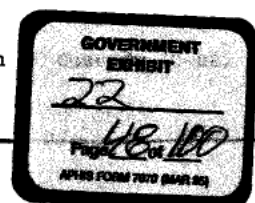
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-148

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OR120018_BR_000506

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR149	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR149	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-149

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OR120018_BR_000508

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018-BR150	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018-BR150	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

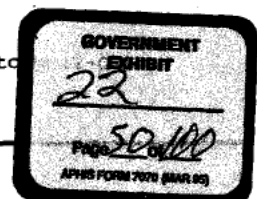
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-150

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OR120018_BR_000510

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. (b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR101A	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR101A	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

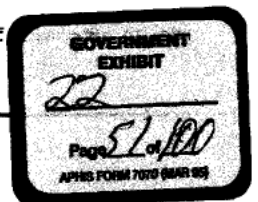
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-101A

Page 1

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OR120018_BR_000512

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ		Receiver's Office and Location 6135 NE 80th Ave, Suite A-5, Portland, OR 97218	
2. Full Name and Address of Person furnishing property ✓ Owner (b)(6), (b)(7)(C) ____ Other _____		3. Location where property was acquired (b)(6), (b)(7)(C) (b)(6), (b)(7)(C)	
5. Purpose for which obtained: Test for presence of glyphosate resistance		4. Date of acquisition: Monday, 05/20/13	

6. Item No.	Quantity	Description of Articles
OR130018BR102A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR102A	Sign and Print Name (b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-102A

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OR120018_BR_000514

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR103A	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR103A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-ER-103A

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OR120018_BR_000516

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR104A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR104A	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

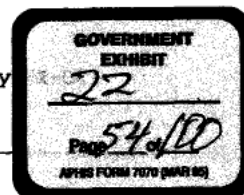
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-104A

Page 1

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OR120018_BR_000518

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner
— Other

(b)(6), (b)(7)(C)

3. Location of property when received

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR105A	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR105A	(b)(6), (b)(7)(C)	05/20/13		

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

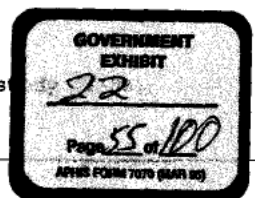
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Control number or name OR130018-BR-105A

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T69 Chain of Custody



OR120018_BR_000520

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR106A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR106A	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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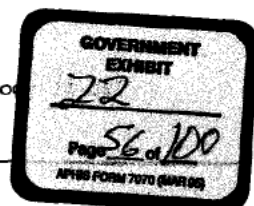
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Control number or name OR130018-BR-106A

Page 1

T69 Chain of Custody



OR120018_BR_000522

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR107A	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR107A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

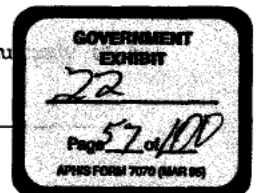
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-107A

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T69 Chain of Custody



OR120018_BR_000524

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR108A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR108A	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-108A

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T69 Chain of C

OR120018_BR_000526



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name (b)(6), (b)(7)(C)
Owner
Other (b)(6), (b)(7)(C)

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR109A	1	Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR109A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

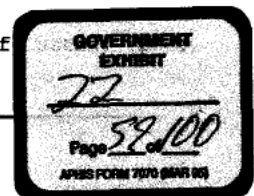
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-109A

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OR120018_BR_000528



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

No.

Quantity

Description of Articles
Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR110A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018BR110A

(b)(6), (b)(7)(C)

05/20/13

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-110A

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T69 Chain of



OR120018_BR_000530

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR111A 1 Collection bag marked with Item No., Wheat sample

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018BR111A

(b)(6), (b)(7)(C)

05/20/13

Sign and Print Name

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-111A

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T69 Chain of Custody



OR120018_BR_000532

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR112A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR112A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-112A

Page 1

T69 Chain of Custody



OR120018_BR_000534

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other (b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018BR113A	1	Collection bag marked with Item No., wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR113A	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-113A

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T69 Chain of C



OR120018_BR_000536

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)

Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR114A	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR114A	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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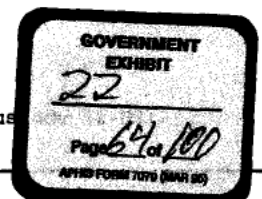
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Control number or name OR130018-BR-114A

Page 1

T69 Chain of Custody



OR120018_BR_000538

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property:

☒ Owner
☐ Other

(b) (6), (b) (7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018BR115A	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR115A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

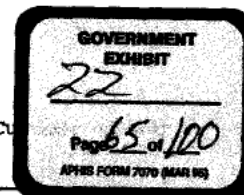
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-115A

Page 1

T69 Chain of Custody



OR120018_BR_000540

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR116A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR116A	(b)(6), (b)(7)(C)	05/20/13		

GARY W. BROWN, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Control number or name OR130018-BR-116A

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T69 Chain of Custody

OR120018_BR_000542



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location of property
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item Description of Articles
No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR117A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR117A	(b)(6), (b)(7)(C)	05/20/13		

(b)(6), (b)(7)(C)

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-117A

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T69 Chain of Custody



OR120018_BR_000544

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner
Other

(b) (6), (b) (7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR118A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR118A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-118A

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OR120018_BR_000546

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR119A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR119A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

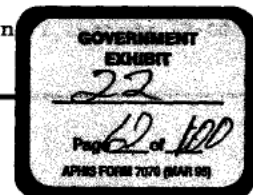
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-119A

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T69 Chain

OR120018_BR_000548



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Title
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR120A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR120A	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

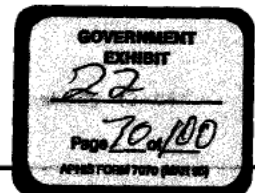
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-120A

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T69 Chain of



OR120018_BR_000550

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ		Receiver's Office and Location 6135 NE 80th Ave, Suite A-5, Portland, OR 97218	
2. Full Name and Address of Person furnishing property <input checked="" type="checkbox"/> Owner (b)(6), (b)(7)(C) <input type="checkbox"/> Other		3. Location where property was acquired (b)(6), (b)(7)(C)	
		4. Date of acquisition: Monday, 05/20/13	
5. Purpose for which obtained: Test for presence of glyphosate resistance			

6. Item No.	Quantity	Description of Articles
OR130018BR121A	1	Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR121A	(b)(6), (b)(7)(C)		Sign and Print Name	
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

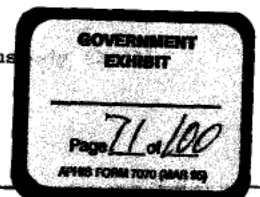
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-121A

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T69 Chain of Custody



OR120018_BR_000552

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person Relinquishing Item

Owner (b)(6), (b)(7)(C)
Other

3. Location where item was received

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR122A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

(b)(6), (b)(7)(C)

Received By

Date

Sign and Print Name

PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-122A

Page 1

T69 Chain of Custody



OR120018_BR_000554

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR123A	1	Collection bag marked with Item No., Wheat sample-

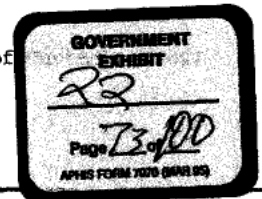
7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
(b)(6), (b)(7)(C)	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-123A

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OR120018_BR_000556

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Own (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR124A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR124A	(b)(6), (b)(7)(C)		Sign and Print Name	
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

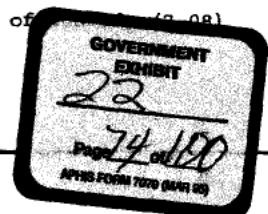
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-124A

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OR120018_BR_000558

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR125A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018BR125A

(b)(6), (b)(7)(C)

05/20/13

(b)(6), (b)(7)(C)

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-125A

Page 1

T69 Chain of Custody (2-08)

OR120018_BR_000560



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Own (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR126A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR126A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

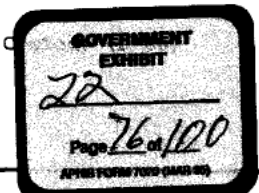
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-126A

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OR120018_BR_000562

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPO

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR127A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR127A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPO	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-127A

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OR120018_BR_000564

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR128A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR128A	Sign and Print Name (b)(6), (b)(7)(C) GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

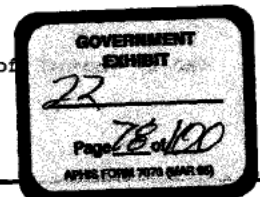
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-128A

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OR120018_BR_000566

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property:

☒ Owner
☐ Other

(b) (6), (b) (7)(C)

3. Location where property was acquired

(b) (6), (b) (7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR129A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR129A	(b) (6), (b) (7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-129A

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OR120018_BR_000568

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR130A 1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR130A	Sign and Print Name (b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-130A

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OR120018_BR_000570

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

Item No.	Quantity	Description of Articles
OR130018BR131A	1	Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR131A	(b)(6), (b)(7)(C)			
	Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

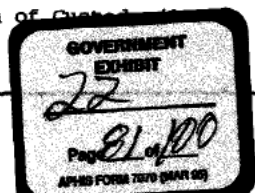
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-131A

Page 1

T69 Chain of Custody

OR120018_BR_000572



United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b) (6), (b) (7)(C)
Other (b) (6), (b) (7)(C)

3. Location of property furnished (b) (6), (b) (7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item Description of Articles
No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR132A 1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR13	(b)(6), (b)(7)(C)			

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-132A

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OR120018_BR_000574

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name

☒ Owner
☐ Other

(b)(6), (b)(7)(C)
(b)(6), (b)(7)(C)

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR133A	1	1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018BR133A

(b)(6), (b)(7)(C)

05/20/13

Sign and Print Name

GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

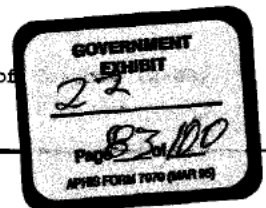
Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-133A

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OR120018_BR_000576

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner
☐ Other

(b) (6), (b) (7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

No.

Quantity

Description of Articles
Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR134A 1 1Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018BR13

(b)(6), (b)(7)(C)

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name

Sign and Print Name

Control number or name OR130018-BR-134A

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T69 Chain of Custody



OR120018_BR_000578

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
☒ Owner (b)(6), (b)(7)(C)
☐ Other (b)(6), (b)(7)(C)

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR135A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR135A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ			

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-135A

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OR120018_BR_000580

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR136A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.

Relinquished by

Date

Received By

Date

OR130018BR136A Sign and Print Name 05/20/13 Sign and Print Name

(b)(6), (b)(7)(C)

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name Sign and Print Name

Item No.

Relinquished by

Date

Received By

Date

Sign and Print Name Sign and Print Name

Control number or name OR130018-ER-136A

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T69 Chain of C



OR120018_BR_000582

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other (b)(6), (b)(7)(C)

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR137A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR137A	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-137A

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T69 Chain of Custody



OR120018_BR_000584

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b) (6), (b) (7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR138A 1 1Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No. Relinquished by Date Received By Date

OR130018BR138A (b) (6), (b) (7)(C)
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Item No. Relinquished by Date Received By Date
Sign and Print Name Sign and Print Name

Item No. Relinquished by Date Received By Date
Sign and Print Name Sign and Print Name

Item No. Relinquished by Date Received By Date
Sign and Print Name Sign and Print Name

Item No. Relinquished by Date Received By Date
Sign and Print Name Sign and Print Name

Item No. Relinquished by Date Received By Date
Sign and Print Name Sign and Print Name

Item No. Relinquished by Date Received By Date
Sign and Print Name Sign and Print Name

Control number or name OR130018-BR-138A

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T69 Chain



OR120018_BR_000586

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other (b)(6), (b)(7)(C)

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No. Quantity Description of Articles
Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR139A 1 1Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR139A	(b)(6), (b)(7)(C) GARY W. BROWN, OFFICER, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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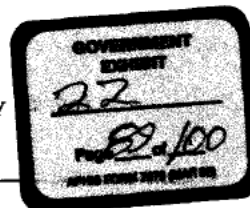
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Control number or name OR130018-BR-139A

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T69 Chain of Custody



OR120018_BR_000588

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner **(b)(6), (b)(7)(C)**
☐ Other _____

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR140A	1	1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR140A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-140A

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OR120018_BR_000590

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR141A	1	Collection bag marked with Item No., wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR141A	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-141A

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T69 Chain of C



OR120018_BR_000592

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

No.

Quantity

Description of Articles
Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR142A 1 1Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR142A	Sign and Print Name (b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-142A



T69 Chain of Custody (2-08)

OR120018_BR_000594

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR143A	1	1 Collection bag marked with Item No., Wheat sample-

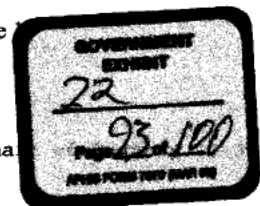
7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR143A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-143A

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OR120018_BR_000596

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)

Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No. Quantity Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.

OR130018BR144A 1 1Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR144A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

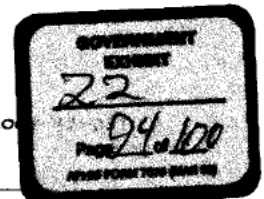
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-144A

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T69 Chain of Custody



OR120018_BR_000598

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

☒ Owner (b)(6), (b)(7)(C)
☐ Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR145A	1	1 Collection bag marked with Item No., Wheat sample-

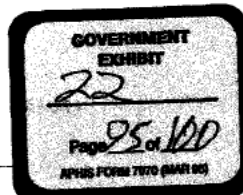
7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR145	(b)(6), (b)(7)(C)	05/20/13		
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date

Control number or name OR130018-BR-145A

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OR120018_BR_000600

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR146A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR146A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Control number or name OR130018-BR-146

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OR120018_BR_000602

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR147A	1	1 Collection bag marked with Item No., Wheat sample- Control Sample

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR147A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

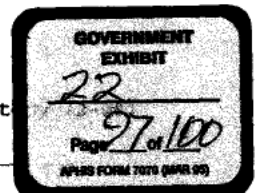
Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-147A

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OR120018_BR_000604

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title

Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location

6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property

✓ Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item

Description of Articles

No.	Quantity	Include specimen no., serial no., seal no., identifying marks, and condition when appropriate.
OR130018BR148A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
OR130018BR148A	(b)(6), (b)(7)(C) Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ	05/20/13		

Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Item No.	Relinquished by Sign and Print Name	Date	Received By Sign and Print Name	Date
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Control number or name OR130018-BR-148A

Page 1

T69 Chain of Custody



OR120018_BR_000606

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
Owner (b)(6), (b)(7)(C)
Other

3. Location where property was acquired
(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR149A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR149A	(b)(6), (b)(7)(C)	05/20/13		

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-149A

Page 1

T69 Chain of Custody



OR120018_BR_000608

United States Department of Agriculture Animal Plant Health Inspection Service
Chain of Custody

INVESTIGATIVE AND ENFORCEMENT SERVICES

1. Receiving Official and Title
Gary W. Brown, Officer, DPC, USDA, APHIS, PPQ

Receiver's Office and Location
6135 NE 80th Ave, Suite A-5, Portland, OR 97218

2. Full Name and Address of Person furnishing property
✓ Owner (b)(6), (b)(7)(C)
— Other

3. Location where property was acquired

(b)(6), (b)(7)(C)

4. Date of acquisition: Monday, 05/20/13

5. Purpose for which obtained: Test for presence of glyphosate resistance

6. Item No.	Quantity	Description of Articles
OR130018BR150A	1	1 Collection bag marked with Item No., Wheat sample-

7. Initiating official should appear as first person relinquishing item.

Item No.	Relinquished by	Date	Received By	Date
OR130018BR150A	(b)(6), (b)(7)(C)	05/20/13	Sign and Print Name	

PPQ

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Item No.	Relinquished by	Date	Received By	Date
	Sign and Print Name		Sign and Print Name	

Control number or name OR130018-BR-150A

Page 1

T69 Chain of Custody



OR120018_BR_000610

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: MVC-008F.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

New wheat volunteers

06/13/13

(b)(6), (b)(7)(C) Investigator

OR120018_BR_000612

DATE: 09/03/13



(b) (6), (b) (7)(C)

THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: MVC-008F.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

New wheat volunteers

DATE OF PHOTOGRAPH:

06/13/13

PRINTED NAME AND TITLE:

(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

OR120018_BR_000614

DATE: 09/23/13

(b) (6), (b) (7)(C)

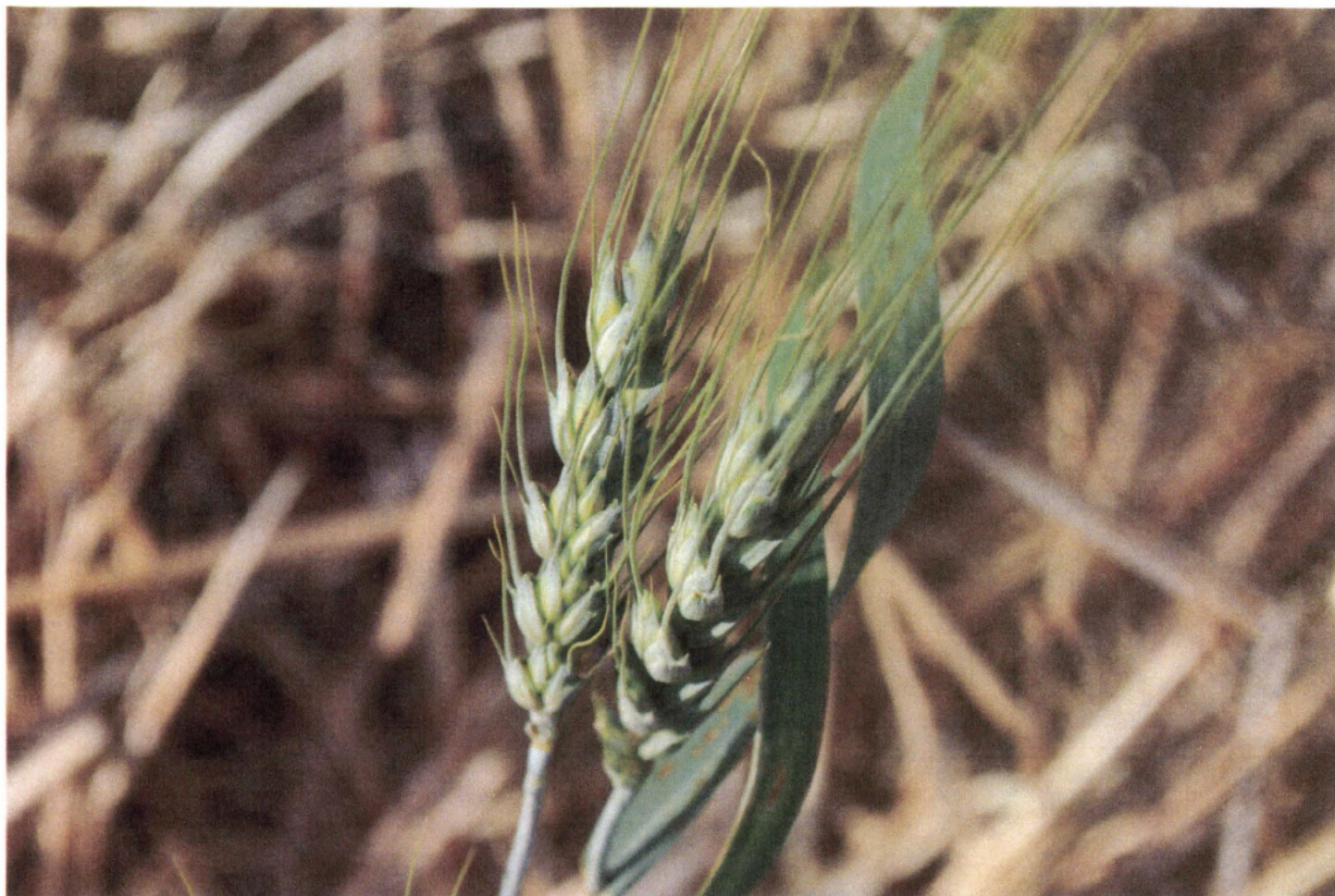


THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: MVC-008F.JPG



LOCATION:

(b) (4)

EQUIPMENT USED TO RECORD IMAGE:

Nikon D60

DESCRIPTION OF PHOTOGRAPH:

New wheat volunteers

DATE OF PHOTOGRAPH:

06/13/13

PRINTED NAME AND TITLE:

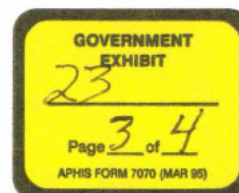
(b)(6), (b)(7)(C), Investigator

SIGNATURE OF PHOTOGRAPHER:

OR120018_BR_000616

DATE: 09/03/13

(b) (6), (b) (7)(C)



THIS IMAGE FAIRLY AND ACCURATELY DEPICTS THE CONDITIONS ON THE DAY THE PHOTOGRAPH WAS TAKEN.

CASE NO: OR130018-BR

DISK/CD NO:

FILE NO: MVC-008F.JPG



LOCATION:

EQUIPMENT USED TO RECORD IMAGE:

DESCRIPTION OF PHOTOGRAPH:

DATE OF PHOTOGRAPH:

PRINTED NAME AND TITLE:

SIGNATURE OF PHOTOGRAPHER:

(b) (4)

Nikon D60

New wheat volunteers

06/13/13

(b)(6), (b)(7)(C), Investigator

OR120018_BR_000618

DATE: 09/03/13

(b) (6), (b) (7)(C)



